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HOUSE AND GARDEN

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The Hoover lifts the rug from the floor, like this—flutters it upon a cushion of air, gently "beats" out its embedded grit, and so prolongs its life

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T.C.

House &
Garden



Immaculate rugs are safe playgrounds for the children. Clean thoroughly to protect childhood's precious health. Beat out embedded dirt and germs. Sweep up all litter that clings. Suction away all loose grime. Do it frequently. Only The Hoover performs these essentials of sanitary cleaning. And it is the largest selling electric cleaner in the world.

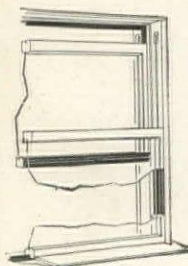
The HOOVER

It Beats — as it Sweeps — as it Cleans

THE HOOVER SUCTION SWEEPER COMPANY

The oldest makers of electric cleaners

North Canton, Ohio Hamilton, Canada



CHAMBERLIN METAL WEATHER STRIPS

"SINCE 1893-THE STANDARD"

Illustration at left shows a Chamberlin window.

Parts in black are Chamberlin Metal Weather Strips. You can plainly see how the installation of Chamberlin Weather Strips prevents the escape of heat—how they exclude cold draughts, dirt, dust, dampness and even noises.



Stop Those Dangerous Draughts —that Cause Discomfort and Ill-Health

You can't have comfort in a draughty house. With currents of cold air sifting in around doors and windows, there can be no even distribution of heat. Too warm in one place—too cold in others.

Your house equipped with Chamberlin Metal Weather Strips will be proof against the entrance of cold draughts and dampness. They will keep heat in and cold out.

You will enjoy uniform healthful heat in every room without forcing the furnace, and at the same time use less fuel—at least 20% less.

Chamberlin Metal Weather Strips are installed by Chamberlin expert mechanics

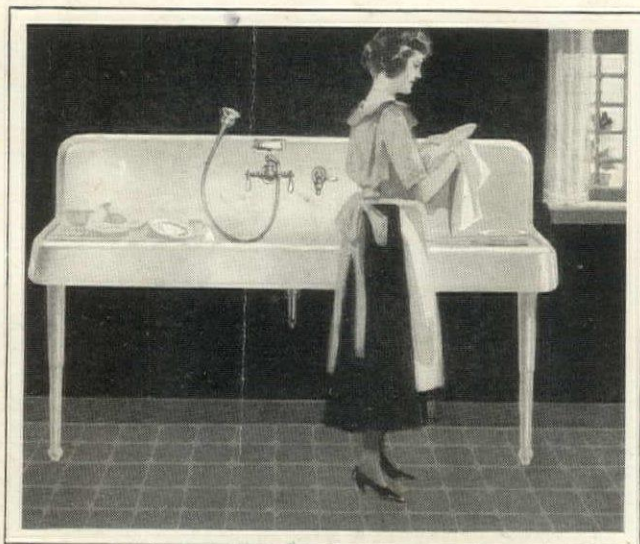
and guaranteed for all time. Immediate service for installation or adjustment is assured through Chamberlin direct factory branches in the principal cities.

Chamberlin Metal Weather Strips can be applied to practically every type of door or window—wooden or metal sash.

Your house needs Chamberlin protection—the comfort and the health of your family is at stake.

Send Now for Your Copy of Our Interesting Weather Strip Booklet

Chamberlin Metal Weather Strip Company
503 Dinan Building
Detroit, Michigan



Kohler Double Drain-board Sink

KOHLER

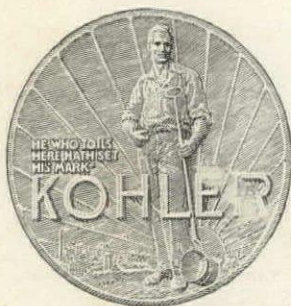
PRODUCTS OF *UTILITY*

Scarcely a product of permanent use that enters the home has its utility so often demonstrated as the Kohler enameled bathtub, lavatory, kitchen sink.

From the day of installation, on through the years, Kohler enameled plumbing ware is put to daily use—for the refreshing plunge, for the washing of hands and face, for the sanitation which accompanies the preparation of food for the table.

Here at Kohler we recognize the place of our products in the home and so fashion and build them that they shall reflect not only this utility, but beauty and durability as well.

And as a lasting seal of our good faith we incorporate, faintly but permanently, in the enduring, glistening, snow-white enamel, the word "Kohler"—a guarantee of goodness.



KOHLER OF KOHLER

Kohler Co., Founded 1873, Kohler, Wisconsin
Shipping Point, Sheboygan, Wisconsin

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MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT D. C.

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With Comfort and Ease



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Aprons

Rompers
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Sit down comfortably while the pieces glide through the Simplex. Everything has a fresh, beautiful gloss like new, with perfect edges and the smoothest surfaces. The Simplex finishes an average ironing in an hour, everything but a few frills and ruffles.

One of the great joys of the Simplex is you can depend upon it!

This is a very simple machine. No pedals or levers. Just a touch of the hands operates the exclusive Simplex feedboard!

Save fuel, help, and laundry bills. Simplex savings actually pay for the machine within a year. A lifetime investment.

Operated by electricity, and heated by gas, gasoline or electricity. The Simplex is suited to town, country or farm homes.

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We also make ironing machines and laundry equipment for laundries, hotels, institutions and factories

It is a mark of intelligent housekeeping to possess a SIMPLEX IRONER



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Supplementing the Crane Service which is available everywhere through the trade, Crane exhibit rooms in cities all over the country give buyers the added convenience and satisfaction of basing their decisions on displays covering every phase of heating, plumbing and sanitation. This personal selection provides a basis of thorough understanding between owner, architect and plumbing contractor.

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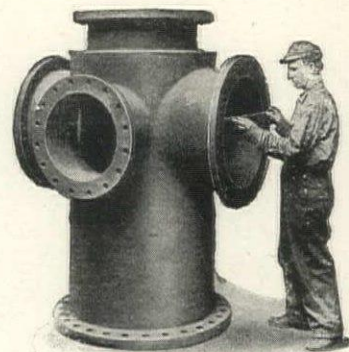
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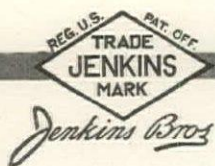
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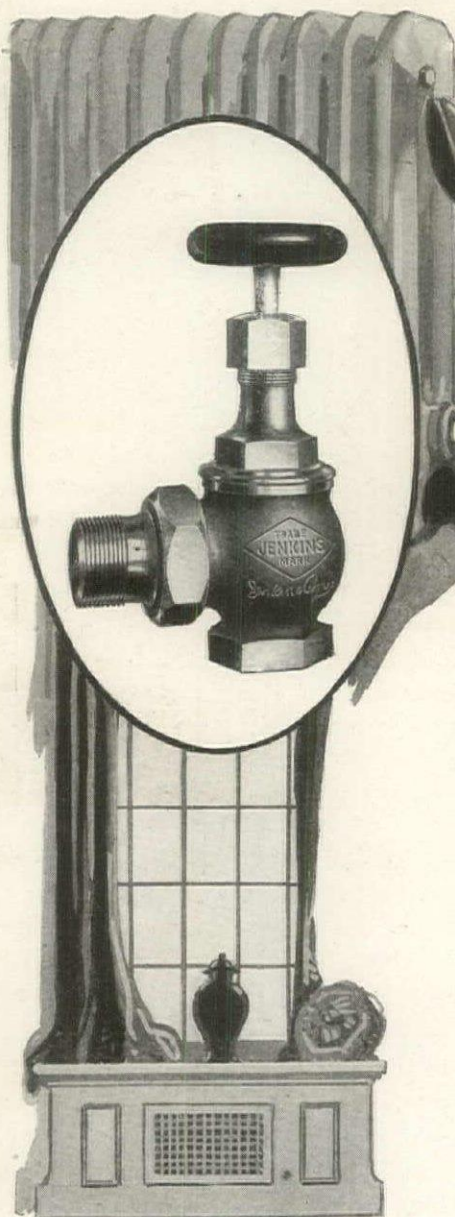


From heating, plumbing and kindred installations for the home to the pipeline requirements of the industrial world is a broad step, but one which is covered by Crane Service. Accompanying photo shows a special cast-iron flanged cross recently supplied by the Crane Co. for a plant installation. This huge fitting weighed about 3300 pounds.

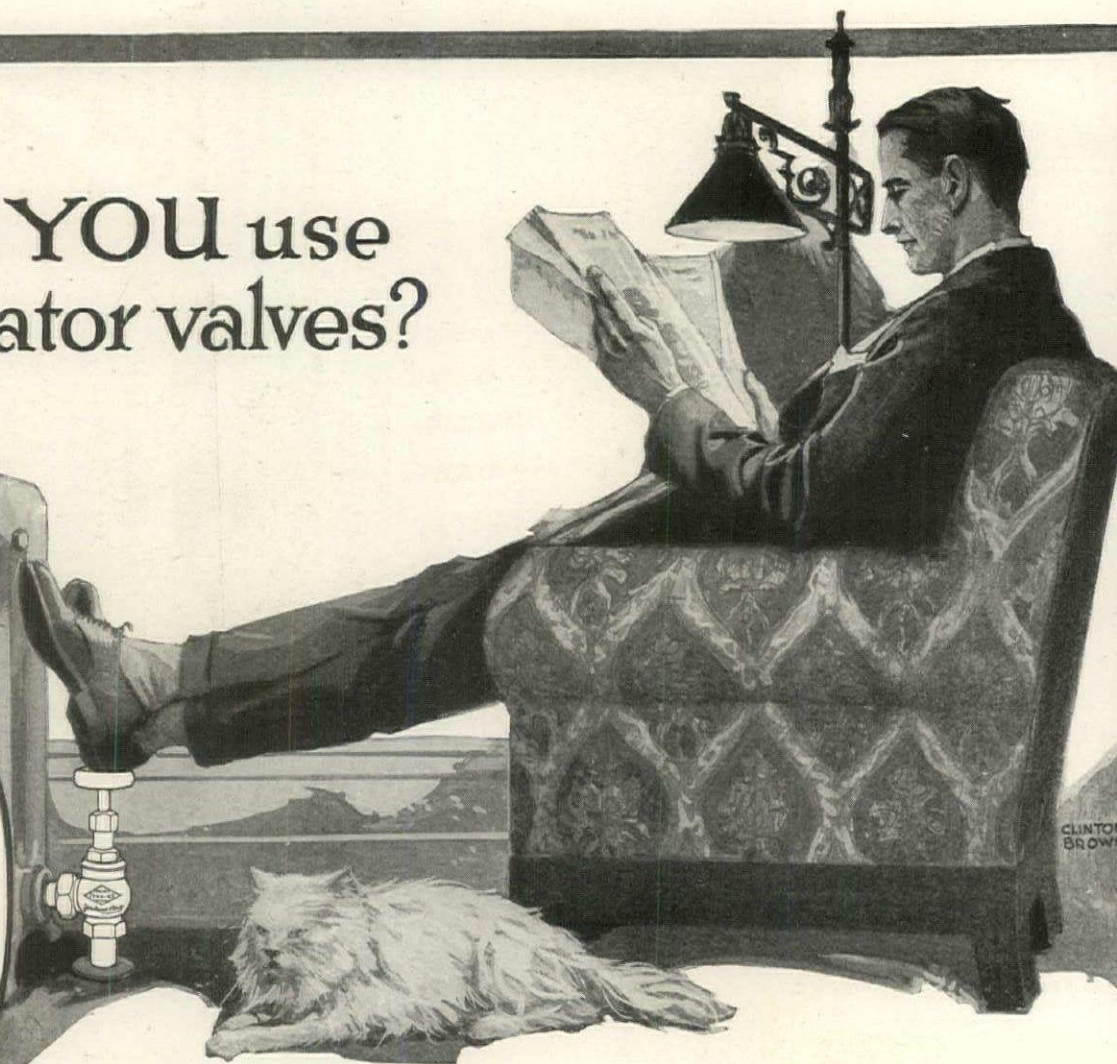
We are manufacturers of about 20,000 articles, including valves, pipe fittings and steam specialties, made of brass, iron, ferrosteel, cast steel and forged steel, in all sizes, for all pressures and all purposes and are distributors of pipe, heating and plumbing materials.



How do YOU use your radiator valves?



For concealed radiation Jenkins radiator valves are furnished with extended spindles



WHILE no radiator valve is designed for a foot rest or a "stepping stone," everyone knows that this service is frequently imposed upon them. With light weight valves this strain often results in split wheels and bent spindles. Jenkins Radiator Valves with their unbreakable wood wheels and sturdy Manganese bronze spindles are more than equal to the abuse to which valves are often subjected. They are made of the best brass, contain more metal than other valves and are constructed in every part to withstand severe service, rough usage, and careless handling.

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A Jenkins Radiator Valve is not a specialty, but a heavy, dependable, satisfac-

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Your architect knows Jenkins Valves. Ask him to specify and see that your contractor installs genuine Jenkins "Diamond Marked" valves for either steam or hot water systems of any kind.

Write the nearest Jenkins office for our interestingly written booklets: "The Valve Behind a Good Heating System" and "Jenkins Valves for Plumbing Service."

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Jenkins Valves

Since 1864

Upstairs
Downstairs
and in

My LADY'S Chamber

STAIRCASES in which beauty is the first consideration, for the bedrooms built-in dressing tables that are a part of the house itself, mantels that carry out the architectural type of the house—these are items of Curtis Woodwork. Like the doors we build, and the china closets, the windows, the wall paneling, the cupboards, the bookcases, and all the interior woodwork which, built into a home, make it livable and lovable, they are all part of the Curtis plan to place beautiful homes within the reach of all who would build.



Pendroy, C-532

A charming 5-room house of Western expression, with same plan as the Colonial and English houses shown here.

We began to see our business as something more than a mill making a good product. We believed we could help America toward a happier type of architectural expression.

With the co-operation of Trowbridge and Ackerman, New York architects, we are able to offer home-builders portfolios of Better Built Homes, in four different architectural types—Colonial, English,

For over fifty years Curtis Woodwork has been known as good woodwork—honest craftsmanship. But

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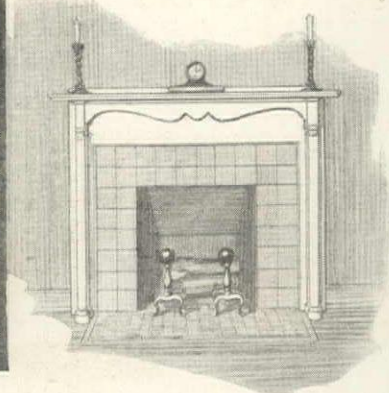
work—honest craftsmanship. But

Western, and Southern. Each portfolio contains illustrations of exteriors, interiors, and floor plans, with complete descriptions of 32 homes. These houses range from 3-room cottages to 8-room homes. Curtis Woodwork and built-in furniture for these homes was designed by the same architects that designed the houses, to insure harmony of expression.

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Valcour C-514

A cozy, cool 5-room Southern home that possesses unusual individuality.



Bradley, C-530
This is the Colonial expression of the plan as Pendroy, C-532, and Norwich, C-531.



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The makers of CURTIS Woodwork guarantee complete satisfaction to its users

"We're not satisfied unless you are."



Norwich, C-531
The best traditions of English architecture are observed in this 5-room house, which has the same plan as the Colonial and Western houses on the left.

1866 CURTIS WOODWORK

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Enclosed find _____ cents in stamps, for which please send me
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*The Next
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House Planning Number

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A terra cotta jar for colour, where the lawn meets the living room—a bit of irrepressible greenery to soften its classic lines—yellow sunlight warming the clear stone greys. Can't you use a corner like this in your new house? . . . But you'll have to begin at the beginning and plan for it; or any other idea that you hope some day to translate into terms of brick or wood, stone or stucco. And whether you want an idea or a suggestion, finished house plans or workable specifications, you'll find them in the November House Planning Number—the next number of House & Garden.

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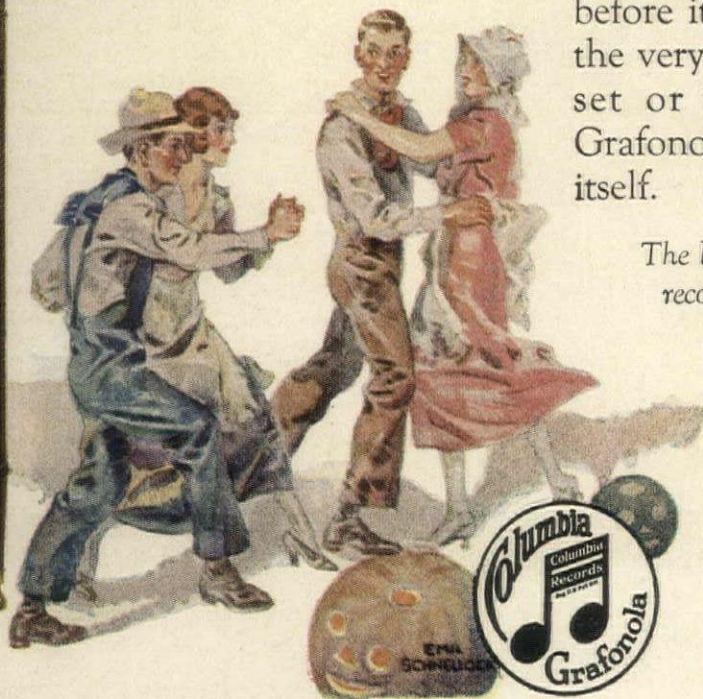
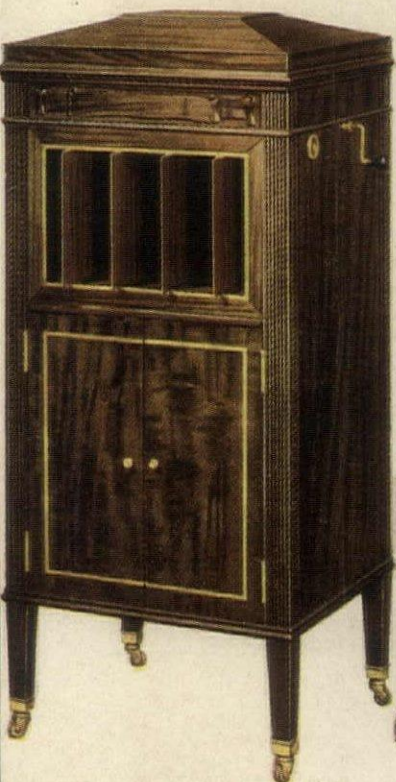
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"And, oh, she dances such-a-way"

You'll never need to leave your favorite partner in the middle of a dance. With the Columbia Grafonola you can dance to the last lingering note and step. The Non Set Automatic Stop takes care of that. This exclusive Columbia feature is at its best for dancing. Never stops before it should. Always stops at the very end. Nothing to move or set or measure. Just start the Grafonola, and it plays and stops itself.

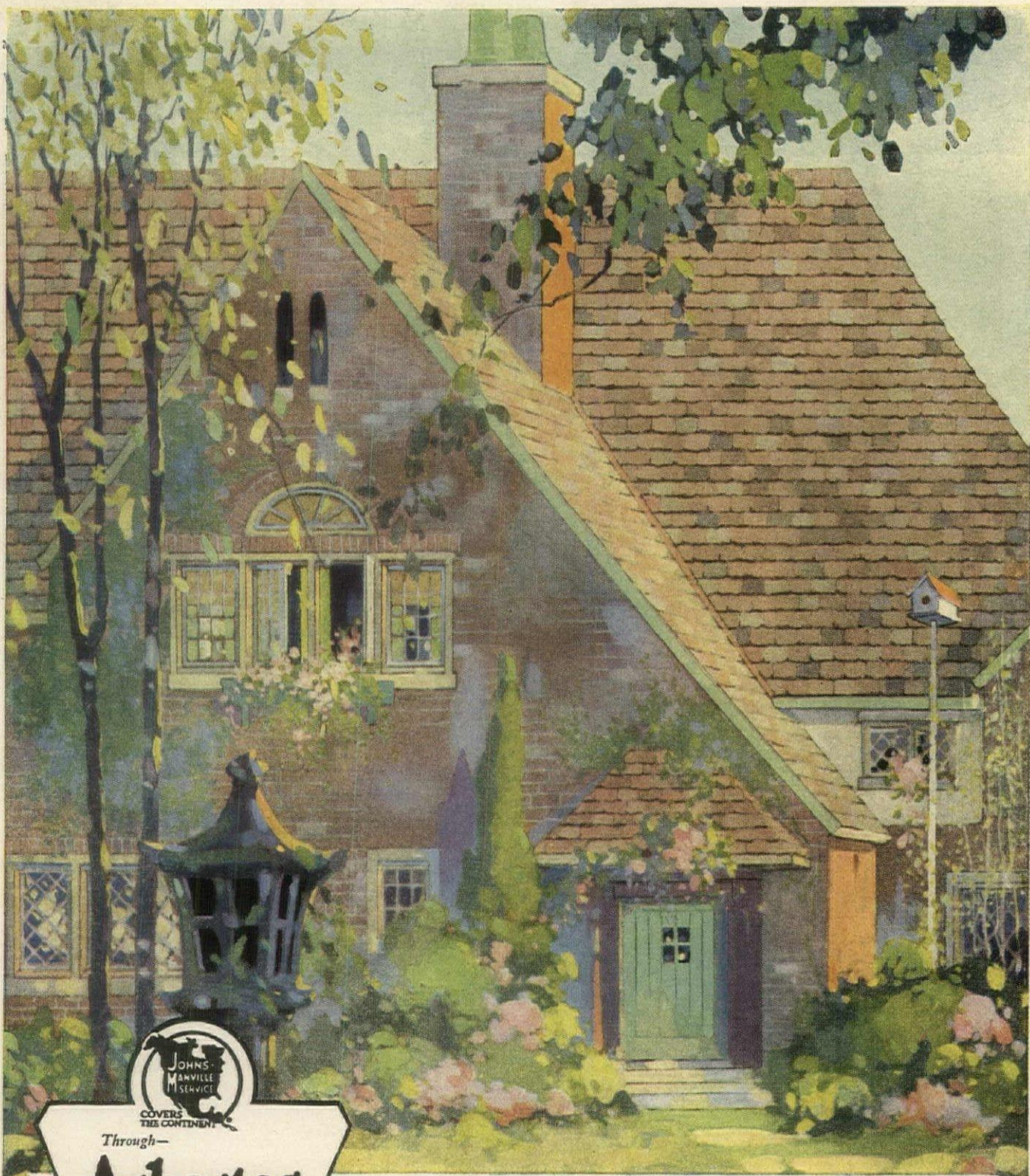
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The sensitive cat chose the sill because it is as comfortable as any other spot in the room. Monarch Metal Weather Strips have sealed all the little cracks around the window, completely shutting out the icy winds of the snowstorm.

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MONARCH

METAL WEATHER STRIPS

"Weather Strips are 100% fuel conservation."—U. S. Fuel Administration

THE DANCE OF DEATH

A Merry Ghost Story

"Zig-et-zig-et-zig, la Mort en cadence,
Frappant un tombe avec son talon;
La Mort, a Minuit, joue un air de danse,
Zig-et-zig-et-zig, sur son violon."



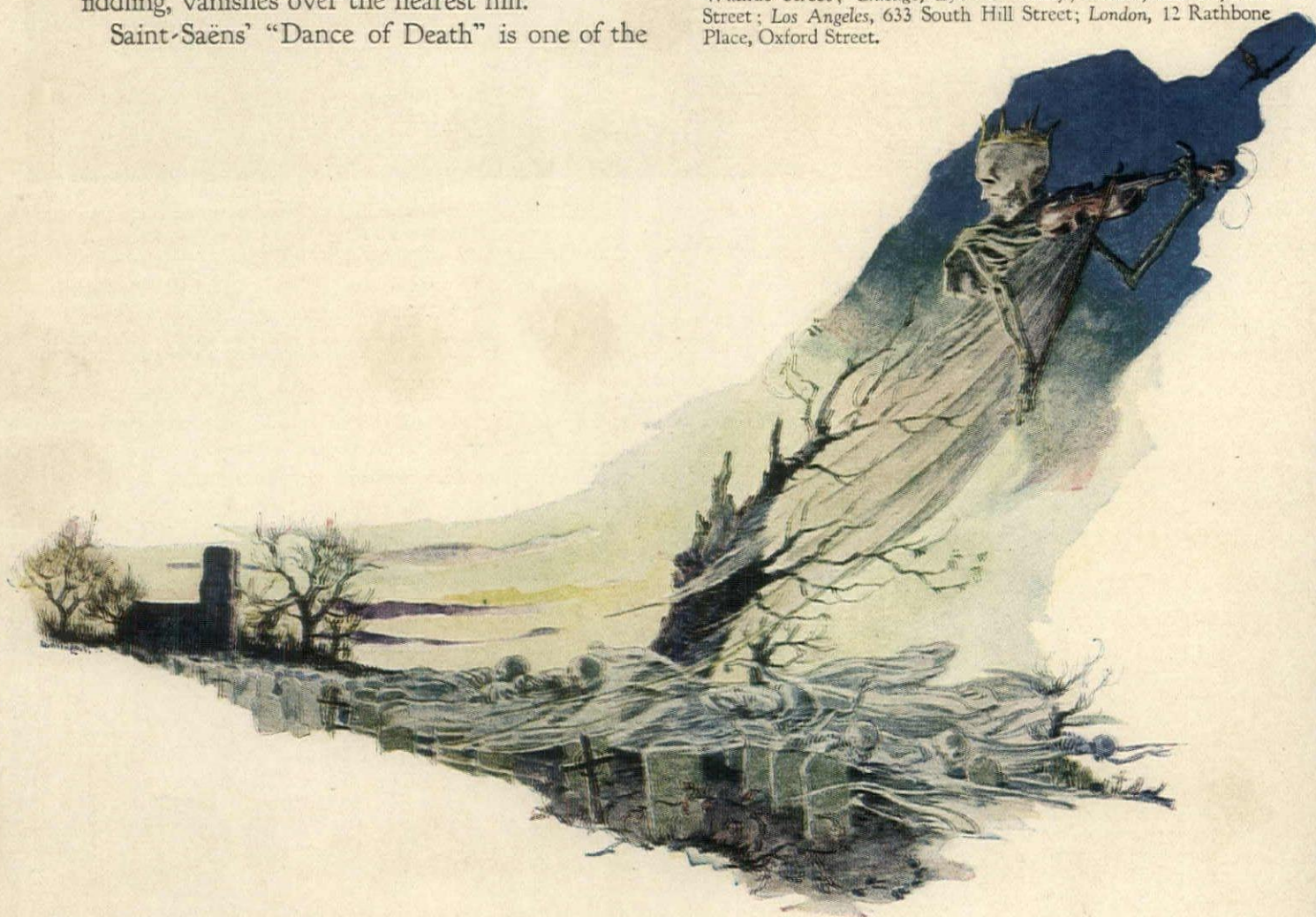
IT IS MIDNIGHT. Twelve solemn strokes from the old bell tower that keeps watch over the churchyard at its feet proclaim this fact and give signal for a strange scene. Death with his violin tucked snugly beneath his bony chin, beats time with his heel on a mossy tombstone, "zig-a-zig-a-zig", and plays a merry dance tune. One by one the skeletons rise from their resting places and join the dance. Woven in the mazes of the waltz, one hears the melancholy sighing of the night wind, the branches of the lindens rubbing against one another, and the rattle and scuffle of bony feet over the lichened stones. Suddenly the cock crows and sends the jocular, gruesome crew scurrying back to their graves, while Death, still fiddling, vanishes over the nearest hill.

Saint-Saëns' "Dance of Death" is one of the

stories in the Estey Musical Library, made available in all its picturesque imagery by the Estey Residence Pipe Organ. In the arrangement for the Estey Organ the weird suggestion of this symphonic poem is given a power and interest that make it an unusual evening's entertainment for a group of friends sitting late around the big fire, telling ghost stories.

Just let the Estey Organ tell this old tale by Saint-Saëns, and you will get some intimation of the never failing delight, wonder, thrill that organ music always yields, of the vast resource found in a well selected library of orchestral music.

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Ocean bathing is comfortable until late in October, and The Ambassador has its own great indoor salt water swimming pool with swimming instructor. Privileges of 18-hole golf course, deep sea fishing and hunting in season.

Among the many distinctive features of The Ambassador are the famous Japanese tea room overlooking the ocean; the spacious Pompeian grill where you may dance to the strains of The Ambassador Dance Orchestra, the Renaissance salon, and the promenade decks giving an unobstructed view of the Atlantic. Symphony concerts every evening.

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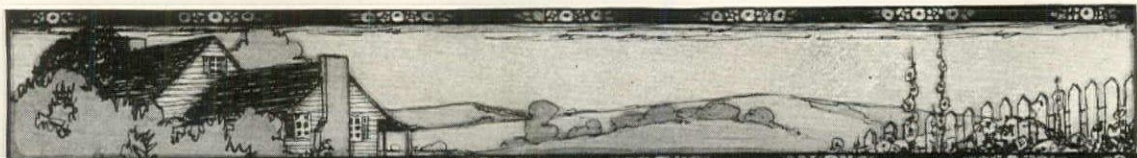
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We are in constant touch with Real Estate brokers who specialize in selected sections throughout the country—men who can find you the kind of property you want if it is obtainable, or who can sell your property if you wish to dispose of it.

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But by November we shall have sold these places.

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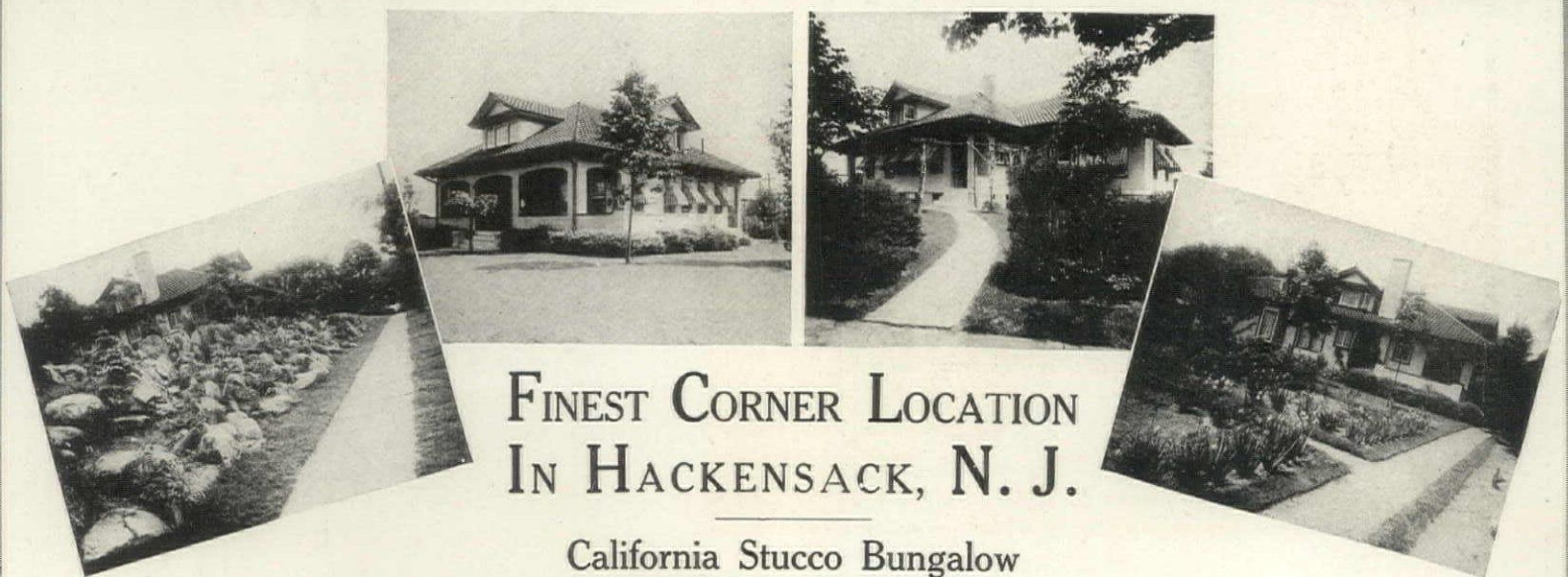
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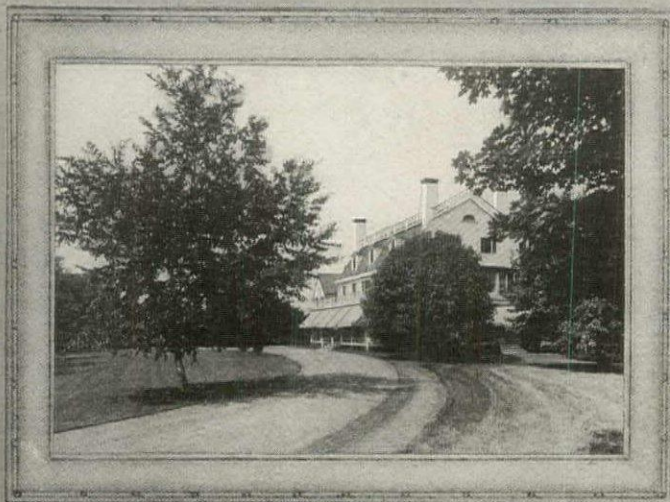
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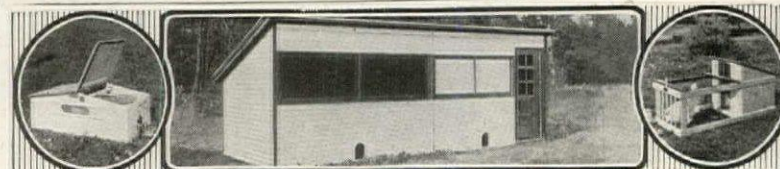
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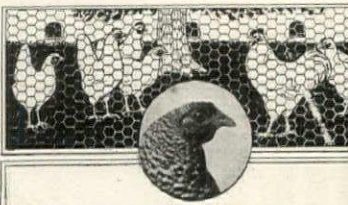
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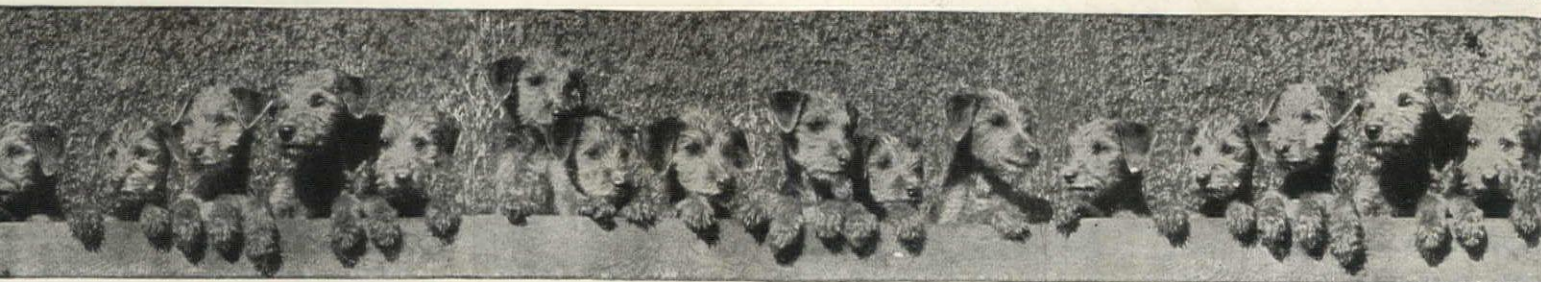
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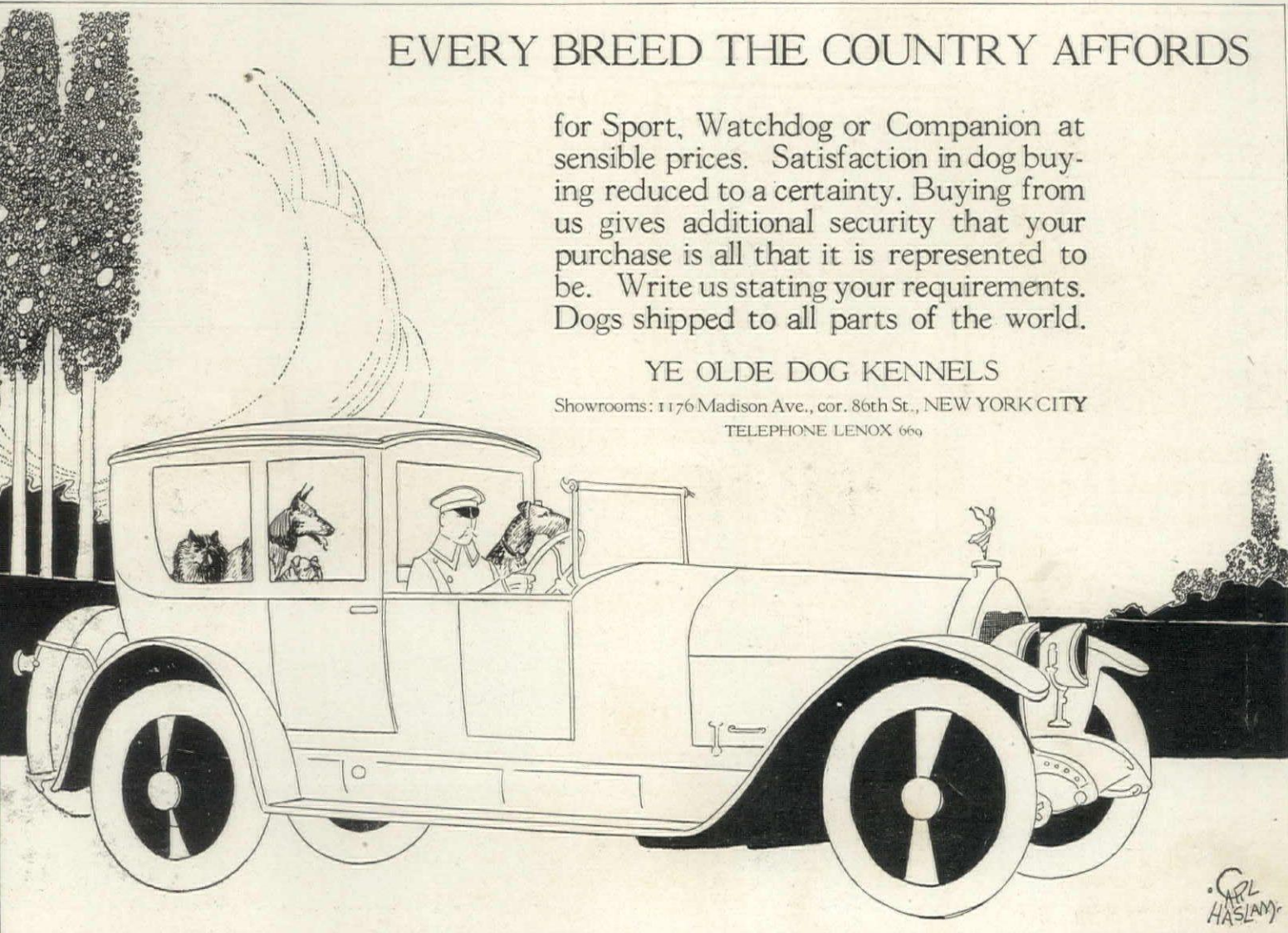
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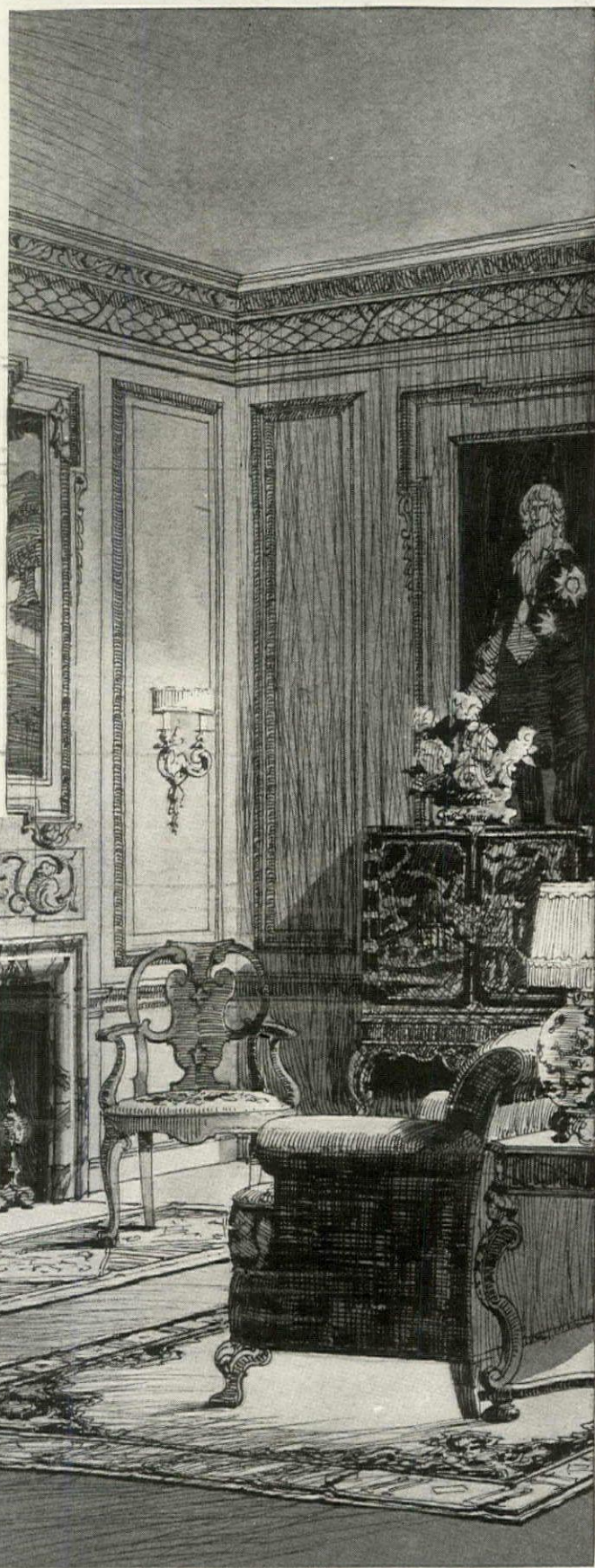
AS the architecture of early eighteenth century England is the inspiration of so many delightfully livable homes of today, such an interior as this is often harmonious with the setting, its paneled walls framing old portraits, forming an interesting background for the furniture of carved walnut upholstered in quaint needlepoint or soft brocade.

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House & Garden

CONDÉ NAST, *Publisher*
RICHARDSON WRIGHT, *Editor*
R. S. LEMMON, *Managing Editor*

NOVEMBER HOUSE PLANNING

THE secret of a successful house lies in a successful plan, and the time to study plans is during the winter months. That is why we devote this November issue to house planning. Let's see what it does for the man who hopes to build—

First there is an article on the evolution of a house plan—how the architect works up the ideas of the client until the last detailed drawing is made. In reading this evolution you will see how architect and client stand and what each is to expect of the other. For those who would go further and visualize the house more realistically there is an article on house models, those delightful little miniatures made of clay or cardboard that show exactly how the projected house will look.

From these plans you step to the pages of finished houses—two pages of delightful little cottages in California, another page showing two small houses and plans from the South. This not being enough, we include another small house that was built for a most unusual purpose. It is a cottage erected on the estate of a newly-married couple and designed for the respective mothers-in-law during their visits. It



Among the many houses shown in the November issue will be this example of stucco, with fascinating garden steps

quite solves the usual mother-in-law problem.

Then you pass on to the larger houses, an English type of stucco and two in the Italian manner by Mr. Guy Lowell, the architect of the Woolworth Building. Mr. Lowell has transplanted Italian architecture most successfully in these two examples. As a filip for this comes an article on gates and grills in Spanish architecture, the sort one sees in Cuba and South America.

Going inside the house, you learn how a decorator works, what she does for the client and what the client does for her. There is also a page of the old scenic papers. During the war it was rumored that the blocks for printing these papers had been destroyed. This proved false. The blocks are safe and the factory is now in operation. We can again have those lovely papers on our walls.

The questions of period designs in music cases is also discussed, the proper electric wiring for a house and the installation of stationary vacuum cleaners.

The care and placing of house plants in winter is a topic relative to this season and its facts will be appreciated by the gardener.

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Antoinette Perrett

THE TWO GARDENS

There are always two gardens—the garden in full sunlight, when every flower and tree limb silhouettes distinctly, and the wraithed garden seen in the white mists of dawn, the mauves of dusk or late on summer nights patterned over with silver from the moon. For the beauty of color watch the garden in sunlight; for the beauty of subtle tones and

delicate atmosphere study the wraithed garden. Such is this view in the garden at the home of Herbert N. Straus, Red Bank, New Jersey, showing a glimpse of the broad stone step leading up to the tree-shadowed terrace. The landscape architect was Martha Brookes Hutcheson and the associate architect F. Burrall Hoffman, Jr.

THE MOODS OF AN AUTUMN GARDEN

*In the Waning Vigor of the Fall Lurks the Beginning of
Next Year's Glory*

RICHARDSON WRIGHT

THE garden shows three degrees of vigor. First the resurgent vigor of spring, lusty rust of myriad blades and breathless rush break into flower. Next, the full tide of summer, the complete, the robust growth. Then the yellow days of autumn and the waning of

which has its own rare colors and revelations of beauty. It is difficult to say which season is the most delight. The gardener, though, who has followed the cycle of work (and only he who does the work really appreciates it) finds the autumn garden full of fascinating subtle moods.

The autumn garden is not unlike an old man who, for all his occasional bad days, still has many years to run. Its vigor persists though it is ebbing all the time. It is uneven, yet such vigor as remains to it seems to have been carried from the very beginning, like the staunch blood of a good family. Those cosmos that dip and nod along the wall have been sturdy from the very first day they broke the soil.

MUCH of September's glory, it always seemed to me, is inherited. She boasts, of course, the flash and flame of turning leaf and a satisfying number of hardy autumnal blossoms and she wears a scarf of blue mist about her shoulders, but think of all the glory handed down to her from August!

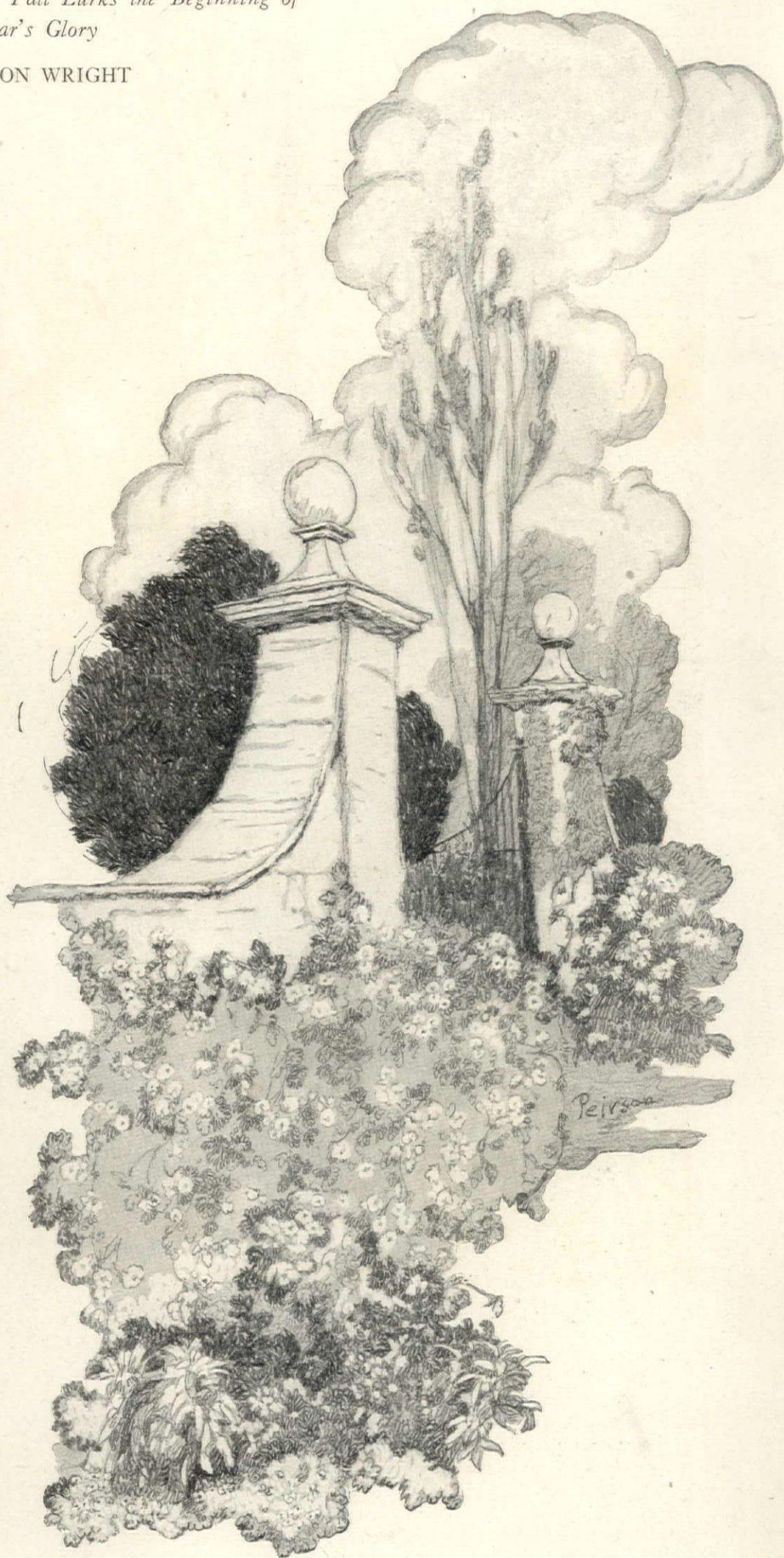
August, September and October remind me of three sisters endowed with diminishing amounts of this world's goods. Late August possesses an abundance—innumerable asters, white of sneezewort, the mallows, various flowers and golden glow, the flaming of tri-color and the diversity of chrysanthemums. By the end of these she passes on to September, and when September has left she hands on down for October to deck herself in during her final few days of Indian summer. Then frosts come in the fields before the approach of November. Poor thing, there's naught left November save some gaudy berries—the last bits of family jewelry that even the poorest are proud to part with.

It is this gradual ebbing of the garden's life that makes so many people look upon autumn as a season of regrets. The old Chinese philosopher Lu Yun has expressed the feeling perfectly in a beautiful line, "At the fall of the year there is autumn in my heart."

Once frost robs the garden of color, once the silhouettes of tall flower clumps and leafy trees are lost, then comes the gloom in the heart. And yet this is strange, the autumn months are among the busiest of the garden year.

Think of all there is to do in the autumn—

The autumn garden is not unlike an old man who, for all his occasional bad days, has still many years to run. Its vigor persists, though it is ebbing all the time. It is uneven, and yet it seems to have been carried from the very beginning. Those cosmos that dip and nod along the wall were sturdy from the first day they broke the soil

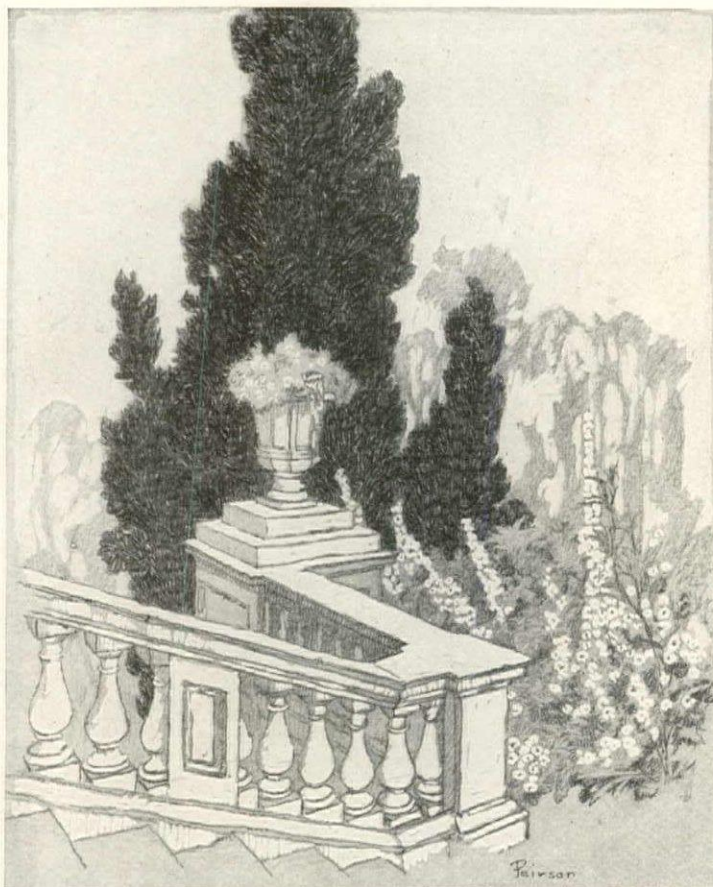


the divisions and transplantings, the mulching and enriching of the beds, the harvesting of dahlia roots and gladiolus bulbs, the bringing of plants indoors to winter over in that sunny bay window.

Many people make the mistake of thinking that autumn marks the end of the garden year. Autumn is only the garden's ultimate perfection, and the ultimate perfection of a thing, as the philosopher has said, is that it is the beginning of something new.

Even in the chill north wind there is the promise of spring balminess. The withered stalks hold a hint of greater growth next season. In this autumn's smashed and scraggly lily clump is hidden the beginning of a larger clump next spring. On every side there is this promise of something new and something better. In

Although much of her beauty is inherited from August, September's glory is not to be despised. She boasts the flash and flame of turning leaf and a satisfying number of autumnal blossoms. Also, she wears a scarf of blue mist lightly around her shoulders



the irreparable past of autumn the available future of another garden year.

Next year is the constant Li. Come of gardeners. The m of this year will be rectified. The undesirable colors will be ed out of that perennial border. iris that never did do well w is will be given another cha another environment. Those strains of snapdragon and swe you've been longing to try find a place in next year's g

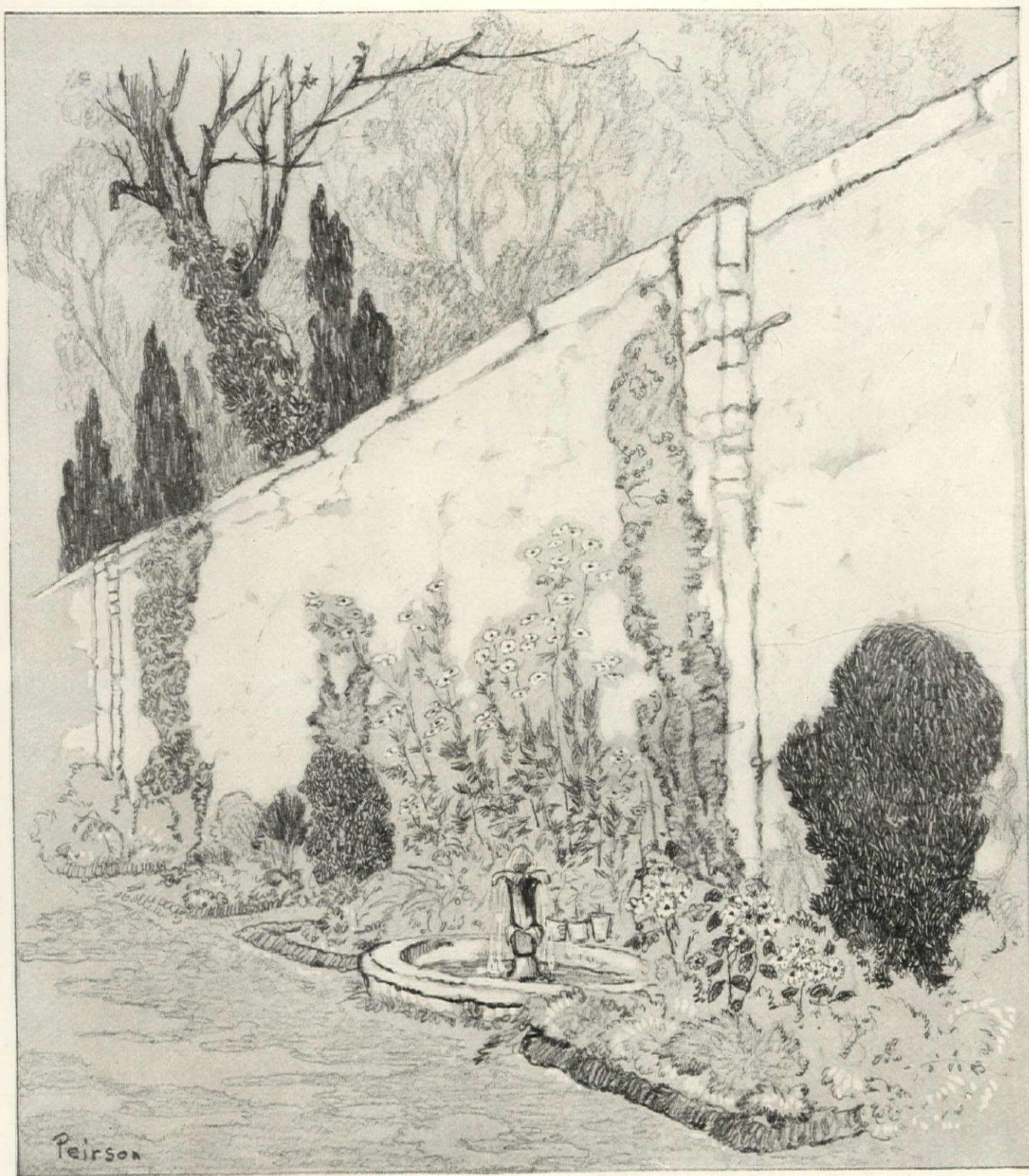
Next year! Next year!

The autumn mood of the lover is quickened with this ning of something new; it is with a promise of fulfillment.

For many of us life is so o that by November we lose ou den interest. Not until Febru

Many people make the mistake of thinking that autumn marks the end of the garden year. Autumn is only the garden's ultimate perfection, and the ultimate perfection of a thing, as the philosopher has said, is that it is the beginning of something new





August, September and October are like three sisters endowed with diminishing amounts of this world's goods. What August has left she passes on to September and what remains, September hands on down for October to deck herself in during her final festive days of Indian summer

as late as March do we feel the urge of the seedsman's catalogs.

AM beginning to think that the best time to plan next year's garden is not in February, but in November and December. At that season the data regarding your garden is still fresh, and it is just as easy to work from the 20 catalogs as it will be from the 1921.

But there is still another reason. If you have your garden plan ready before the end of December, you provide your friends with an extensive selection list for Christmas presents. Personally, I would rather have ten of those expensive new Chinese lily bulbs—the yellow, white, brown and pink Regale—than the rarest cravat on the market, and the generous soul who will endow my garden with a sturdy white lilac bush, instead of sending the

usual umbrella, will win my eternal gratitude.

Why doesn't this goodly custom of giving garden presents enjoy a wider vogue?

There must be many a bride who would prefer a garden started for her instead of the accustomed string of pearls from a fond and extravagant parent. A rose garden, for example, laid out with little stone slab paths that converge to a sundial in the middle. Or a perennial border planned for a succession of her favorite flowers and colors, from the first peep of the crocus to the last blossom of autumn.

JUST a year ago it was my good fortune to come into the possession of an old garden. How old it is I cannot say, although the house dates back almost a century and the elms that shadow it are fully that old. Former tenants

planted it. This spring it revealed its glory.

Next year the harvest will be greater. The long border that edges the stone wall by the meadow, the little formal garden of cedars, the rock garden beyond the study door, the strawberry patch, the lines of rhubarb and asparagus on the hilltop behind the barn, the half acre for vegetables, all are now ready with richer soil for next year. There is even a perennial nursery started in which new colors will be tried out before they are given places in the beds and a special corner is reserved for experiments in columbine.

This is the available future of one hilltop in Connecticut. Next year! And the next! And the next!

Dreaming of these things, I disagree most emphatically with Lu Yun. There is no autumn in my heart!



A large fireplace with a simple mantel and black marble surround is the focal point of the living room. Book shelves reaching up to the ceiling are built in between the windows. The furnishings are simple in line and pleasing in color



The variety of gables can be seen from this view of the service wing taken from the garage. The lintels and the edges of the eaves are painted black in contrast with the white walls. The circular window is an interesting detail



This view shows the dining room and dining porch, with the master suite above. Shrubbery has been admirably used to screen the lower rooms from the street. It ties the house to the ground and silhouettes pleasantly against the white walls



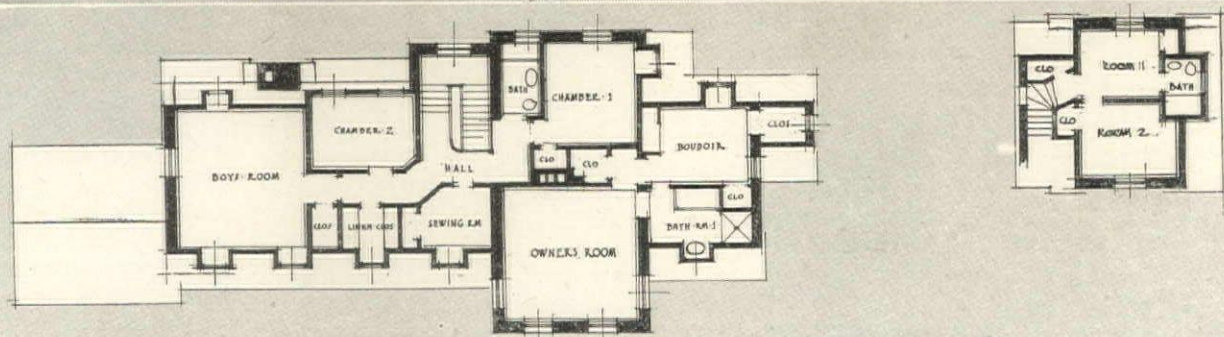
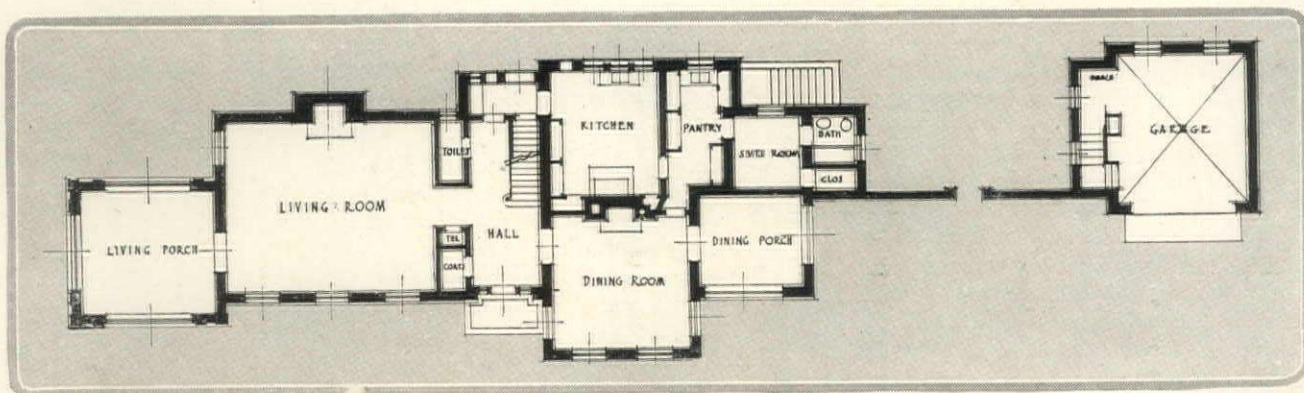
The architect was faced with the problem of a long, narrow lot on a street with houses in close proximity. Consequently a long, narrow house was designed. The general style is Colonial, executed in brick painted white and with a slate roof. Interest is given the design by the number of gables, the small panes and the range of dormer windows

A HOUSE FOR A NARROW LOT

The Home of Adolph Augenblick, Newark, New Jersey

HOWARD MAJOR, Architect and Decorator

On one side of the hall is the living room and its terminal porch, on the other the service quarters, dining porch. A brick wall ends the garden privacy and connects up the garage



The second story projects into the roof, giving an interesting character to the chambers. The owner's suite occupies one end and the guest chamber and boys' room the other

INTERNATIONAL GARDENING

STAMP collectors have many pleasant habits, but the pleasantest of all is their custom of writing to other stamp collectors.

The four stamp collectors in this office, for example. They are busy executives, burdened with responsibilities and constantly pushed for time. Each day big baskets of correspondence go out from their desks. And yet they tell me that quite their most enjoyable correspondence is written to brother stamp collectors in foreign lands.

One of them has been in communication with a Belgian philatelist for ten years. During the war the letters stopped. Now they are coming again, for Belgium is already sufficiently recovered to allow her tired business men to take up the relaxation of their stamp albums. Another correspondent lived in Kiev, and letters came through regularly, bearing their tales of personal experiences and stamp ventures, until the Bolsheviks laid low that fair mother of towns. A third is a planter in South America. There were others in Germany, for the Germans are great philatelists, and some in France.

THINK what this means, this welding of a bond of a common hobby.

For a common hobby forms a more dependable bond than can any amount of commerce. Commerce presupposes competition and competition raised to its highest degree means war. But the things that bring contentment and innocent pleasure, that delight the eye and quicken the brain to fine and far-flung imaginings, these things create a camaraderie not easily forgotten or readily shattered.

There is also the flavor of romance and adventure about gifts from overseas, even about humble, everyday postage stamps. Though their intrinsic value be small, one prizes them above others because of the spirit that prompted their being sent and the distance they have traveled.

Of course, not all stamp collectors ride their hobby this far afield. Some are content to buy and exchange duplicates with neighbors, and let it go at that. But the mark of the real devotee, the finished, the complete, the hardened philatelist is his foreign correspondence. And, as the enthusiast above has said, it is the pleasantest part of stamp collecting.

GARDEN lovers could well learn a lesson from the philatelist. They could, by correspondence with garden enthusiasts in other countries, make their gentle art much more of an international affair than it is.

All gardens today are more or less international. Scarcely a country under the sun but finds its representative in the perennial border, the rockery, the bog garden or the pool. The hollyhock brings a message from China, the anemone speaks of Japan. The long spurred columbine represents the Rockies and the vulgaris types Siberia. Transylvania has given us the bellflower and Armenia the star thistle. The Peruvian lily comes up the continent to us and the yellow day lily travels from the far-off Amur Valley. Hot Asia Minor is represented by one kind of poppy and the arctic regions by another. Thus every complete garden has come to be a map of the world blossoming in color and varied foliage.

This map could be made more interesting, more of a personal reality, if garden lovers corresponded with others in those countries from which these plants have come. There would be several desirable results. First to the plants themselves. As we have them today, foreign plants are usually hybridized a long distance from the original. Nurserymen have been so anxious to satisfy the American desire for novelties that much of the old, simple, native beauty of the original flowers has gone. The lily has been gilded out of all recognition, and many of our boasted double varieties cannot compare in simple loveliness with the original specimens. Letters from gardeners overseas would bring in their quota of

precious seeds harvested in other hands. The next year those plants would furnish a vast amount of interest, enjoyment and study to the amateur here and, in many cases, would give him the old strain so much desired.

EVEN more important would be the effect on the gardener. To have a flower in a friend's garden is a common practice. Gardeners are not selfish and they dearly love to share plants and seeds with their neighbors. This exchange makes for friendship and the better appearance of the community. What is done now in the small town can be done in the world at large. A common interest in such gentle and beautiful things as flowers will accomplish more than the mandates of a League of Nations. It will bring enjoyment and pride, and it will give to American gardeners that which so many Americans lack, an international interest.

Common interest of this sort breaks down prejudice and goes a long way toward healing the wounds that the war has left us. I may not trust the German people as a whole, but I would feel differently about them, I think, if a slip sent me from a German garden lover's rose were blossoming by my front steps today. I'm a little more lenient with England over Ireland because of a row of broad beans given to me in promise today, gift of a notoriously British Britisher.

Think of the fortunate rosarians who were on Dean Hole's correspondence list or Admiral Ward's! The old dean, the old sailor, is gone, but there are still giants alive today and, if the amateur has the temerity, she may dare their wrath by writing them. If the giants are not induced to speak, then there are others. Many of the prize winners in English rose exhibits have been workmen with no more garden space at their command than the allotment around a cottage. Men and women of this type often have an instinct for flowers and their ex-

periences would be of great value if they could be induced to set them down in a letter.

THE first question the garden enthusiast will ask is, "How can I find my friends in other lands?"

It would be a perfectly simple matter to write for names to the Garden Club of America, the International Garden Club of America, the Women's National Farm and Garden Association, the Royal Horticultural Society, and the Women's Farm and Garden Union of England. These names would give a start. From correspondents in England one might branch out to the Continent. Fortunately, correspondence on the other side hasn't yet become a lost art.

THE purpose of this correspondence, of course, would not be the exchange of pleasantries on gardening in general, but the practical data on flowers in particular. Its especial purpose will be served by the exchange of societies, but very definite and beneficial results might be gained by correspondence between, say, American and French chrysanthemum specialists, American and Japanese iris enthusiasts and American and English devotees of primroses. While the requisite information on all plants is found in Bailey's Cyclopaedia of Horticulture, there are special experiences applicable to special varieties, various personal combinations and methods of planting that may not be found in the books.

Searching for this data may seem an unnecessary waste of time and effort, and just such eagerness for all facts marks the true gardener. To make a pretty garden is one thing; to know the requirements and idiosyncrasies of each plant in the garden is quite another. One can never come to the end of gardening or know all there is to be learned. This is the secret of its fascination. There are always other garden worlds to conquer. You can set out upon the quest now with a postage stamp.



Thanksgiving

*We have not known (thank God for it!)
Love tossed on wild adventurous seas;
Or sought for love on hills where sit
The gods of bitter mysteries;
We have not served their altar fires
With fierce and perilous desires.*

*But love instead has come to us
As quietly as April rain
On April woods, solicitous
To quicken them to life again;
As sweetly as the thrush's voice
Making attentive dawns rejoice.*

*O happy traveler, I found
A friendly light upon your face,
The head that gentleness has crowned
With tender gaiety and grace,
Love deep and intimate that blessed
My heart with rest, my heart with rest.*

—THEODORE MAYNARD.



Teobbs

THE CHOICE OF GARDEN GATES

There are as many kinds of garden gates as there are kinds of gardens. Consequently, no element in the architectural background of a floral planting should be more carefully chosen. Rustic gates for wild gardens, Colonial gates for old-fashioned gardens, stately gates of wrought iron for formal entrances, but for the garden that requires seclusion

—as in a suburb or where one is close to the road—build a wall about it and pierce it with a little gate such as this. The arch of brick above is reflected in the shape of the gate itself. The slat panel above gives just enough glimpse to the passerby of the beauty that lies inside and, to those in the garden, of the world without. Howard Major, architect

Hartford May 4/54
 My Dear G's -
 I'm afraid we
 shan't see you in Eu-
 rope; we've abandoned
 the idea of ~~the~~ going over.
 We want to go, but we
 can't well afford it. We
 have made but few
 investments in the last
 two years which have
 not turned out badly
 our losses during the
 last three years have
 been prodigious. These

An interesting family letter of Mark Twain's expresses a desire to go abroad that is frustrated by lack of funds.

John Hancock Sept. 14th 1779
 I have recd. M^{rs} Capt. Hanson of Bangs three
 hundred and three of them forwarded on the western side
 under. And I have now personally deposited your
 wife's personal property. The same Capt. Hanson a total
 of 3000 yds. of D^{ble} & L^{ble} Hosiery from London
 this property the Month of July of last year was
 bought and purchased of the said Capt. Hanson & I
 have not since the purchase of property
 is well kept in good order and will remain sufficient
 for me to maintain a copy of said property of all the
 living male under 21 which I suggest will
 make 400 or also copy of the same into 1000
 for the other poor I shall now intend
 to give this to deliver the whole to M^{rs} Hanson
 or her son, that they might be added to those
 equal to Law. Sam^l
 J. Hanson
 Recd of Mrs. Hanson
 J. Hanson
 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938

Patrick Henry's handwriting in this letter regarding a sale of land shows the character of that fiery patriot

Executive Mansion,

Washington, Oct. 9, 1863.

Hon. Secretary of War

Sir: Mrs Thomas
G. Blomquist is a daughter of the
late Hon. John L. Ballou and
is ~~a~~ now residing near
Bladensburg in Maryland.
She understands that her son,
Ballou Blomquist, is now a pris-
oner of War to us at "Johnson's
Island," and she asks the
privilege merely of visiting him.
With your approbation I consent
for her to go.

Yours truly,
A. Lincoln

*There is the real Lincoln spirit
in this letter to the Secretary
of War regarding a prisoner
and his mother*

The garden of Proserpine
 There, where the world is quiet;
 Here, where all trouble occurs
 'Tread winds' & 'gentle waves' riot
 In doubtful dreams of dreams;
 I watch the green field growing
 For reaping folk & sowing,
 For harvest-time & mowing,
 & deep world of dreams.
 I am tired of tears & laughter,
 And men that laugh & weep;
 Of what may come hereafter
 For men that love to sleep.
 I am weary of days & hours,
 Blown buds of barren flowers,
 Scents & dreams & poems
 And every thing but sleep.

A Ms. of Swinburne's "The Garden of Proserpine" is a treasure for the poetry lover. Anderson Galleries

John Keats
from his effeminate friend the Author.

POEMS ORIGINAL AND TRANSLATED.

LEIGH HUNT

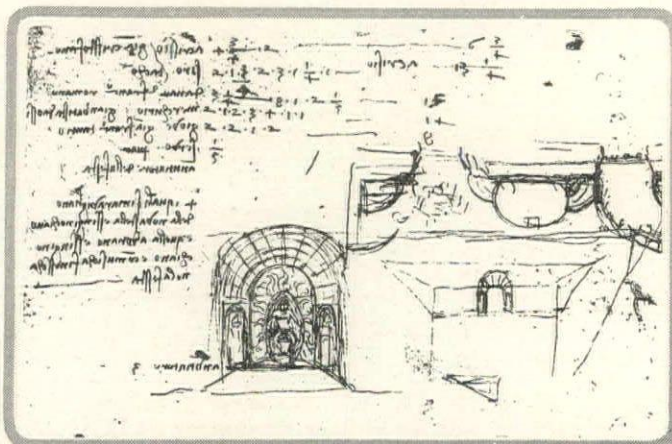
Still climbing from the Eastside.—Reverend

LONDON:

PRINTED FOR C. AND J. OLLIER, WELBECK STREET.

1818

The title page of Leigh Hunt's "Foliage" records the volume an autograph copy from the author to John Keats



This reproduction of a drawing by Leonardo da Vinci shows the extraordinary right-to-left writing that requires a mirror to decipher. Courtesy of the Metropolitan

Ch Carroll of Carrollton

Old age is in this signature of Charles Carroll of Carrollton, written in 1829, when he was 82 and the last surviving signer of the Declaration of Independence

TITLES OF HONOR.

By the late Famous and Learned Antiquary JOHN SELDEN of the Inner Temple, Esquire.

The Third Edition carefully Corrected

With Additions and Amendments by the Author.

Boetius de Consolat. Philosophia.
Quae pluribus silentat, despectiores potius Dignitas Improbos
facit. Foris non impudet, tendunt namque Improbi pe-
rem Dignitatibus vitem, quae sui contentione commaculant.

LONDON.

Printed by E. Tyler, and R. Holt, for Thomas Dering,
and are to be Sold at the *White Lion* next
Chancery-Lane End in *Fleetstreet*.
MDCCLXXII.

John Keats' dated signature at the top of this title page rescues "Titles of Honor" from long oblivion

The Spectacles.

By Edgar Allan Poe

My dearest Allan Toz.

Some persons ridicule the idea of love at first sight; but those who think clearly, not less than those who feel deeply, have found universal truth in certain cases of divine love, indeed, in the true sense of the word, in the love of God for man, and of man for God. It is almost certain if possible, that the most virtuous, good, sensitive, the most just, even the most intense of the human affections, are those which arise in the heart as if by electric sympathy — in a word, that the brightest and most endearing of the royal celestial fathers are those which are wrought at a place. The impression I am about to make, will add another to the already numerous instances of the truth of this position.

It is a curious fact that I am connected with the name of a famous man - not just incidentally. My name, as you know, is a word with a very old history. For instance, in *Samson*, I am not present, but for all that I am called Samson. I have been so called - having, doubtless, adopted this surname, when I had gone, in order to cause an impression on the minds of a distant male relative - *Chelidon*, *Samson*, *Epiphanius*. He was not considered as an heir, but he was the name of the father; so the family was the *Samson* name. In the *Samson* or *Samson* name, as *Epiphanius* *Samson*, I am now a *Samson* *Samson* *Samson*.

Trace, Wednesday March 17, 1852
 "all men" (draws to Jackson garden,
 in the town has two subdivisions of
 shade against "sun" and "fast" fault
 with the law on the head. - At
 double, nothing, can well be compared
 some grief, or even such. Thus the
 effort to counteract, in and
 from from domestic life generally
 by hand, feelings and power
 and yet on the New heart can
 the appears to me a life deepens
 precedent than the measure of the
 during our Republic after the death
 of Charles I. of promising Antislavery
 as a Governor. The reason is, this -
 crimes are acts forbidden by one
 the community for the ground of these
 & receiving injury to their community
 and I the members thereof, and for

This is the first page of an unpublished Ms. on Divorce by Coleridge. Courtesy of The Anderson Galleries

The Seven Days
of the Creation of the World

Then Son of Heaven & of the Eternal Son
 Eternal Son & Offspring Incarnate
 Of the unchangeable Mind the only birth
 Jesus Divine, to thy great Archetype
 Equal, & light of a resplendent light
 And thou that breathest by both & send'st by both
 A spirit dwell'd by a visible beam
 As a clear ray from a glowing fount
 And a true image from the image true
 In which the first great type eternally dwelt
 (And if such appears now) A trinity in
 Form the God & giving glory light
 Thou loved God loved love
 Three loves become all in me combined
 No lonely God, in whom the whole is join'd
 That into various portions spread itself
 Limits of number & counsel high
 And self appointment. Others were Divine
 From Father & from Son & from the Word
 Indwelt in my heart, & here at those
 Where thy great moving sense & voice
 That I may say that I have found thee ²⁶

Another unpublished Ms. furnishes this page from "The Seven Days" by the English mystic poet and artist, Blake

Chief of organic numbers
Who collector of the spheres
They spent never slumber
As it rolls about our ear
For us and for us.
At what a mad endeavor
To catch it
Who to thy saved and crucified
Would offer a burnt sacrifice of
And who dy.
How beautifully thou soundest
A living piece of sound.
Thou temple of sweet voice
And didst and canst foundest
Giving delight new joys.
And thou art within persons
O where are thy downy coes?
Send a surge ear!

The first draft of "Lines On Seeing a Lock of Milton's Hair" in the handwriting of John Keats himself

One glance at the careful handwriting of Poe in this Ms. page blasts most of the legends about him.

A Hobby That Gives the Collector a Poignant and Realistic Touch with the Great of the Past

GARDNER TEALL

THIRTY SHILLINGS

No. 126

ONE POUND TEN SHILLINGS

shall entitle the Bearer to receive, of the Provincial Treasurer, the like Sum of THIRTY SHILLINGS, of equal Value with the same Sum, of the Bills of Credit now by Law current, according to the Directions of an Act of General Assembly of Pennsylvania, made in the Ninth Year of the Reign of His Majesty GEORGE III. Dated the First Day of March, 1769.

John

Thos. Wharton

XXX

Sts. Richardson B

tonius, "collected" and handed down Suetonius's own record of the fact. Thus we see what valuable members of society are the collectors of autographs, the appendices to History, as Francis Bacon called them.

As the intelligent collecting and preserving of precious written souvenirs of persons of note progressed, there followed those unintelligent faddists who imagined that signatures of the writers were what the collectors they sought to imitate were seeking. Hence it followed that a ruthless slaughter set in. Fine letters, priceless documents, family papers, unique manuscripts were, when set upon by these misguided "fiends," slaughtered and robbed of their signatures. I have seen a collection of five hundred mere signatures of noted men and women, signatures that had been cut from their context and pasted in a book, proudly displayed as a "collection," whereas it was merely a sad "gathering," a sort of autograph-morgue, leaving one amazed that so many treasures should have been destroyed to obtain mere signatures.

(Continued on page 76)

1768.

THIS TICKET [No. 419] shall entitle the Possessor to whatever PRIZE may happen to be drawn against it's Number in the *Mountain Road* LOTTERY.

E. Washington

(Center) Facsimile of the writing of Caesar Rodney, a signer of the Declaration, written at the age of fifteen

Cesar Rodney Esq.
 Grand 543 W. 11th
 and Arithmetick carefully
 Taught By James Vidal
 Keep your minds to Diligence. Love God
 and your Neighbours. Keep Gods commandments
 and there is longer joye than ever
 Turn your self away
 From Idolatry.

VIIL. QUEEN MAR. 99
 done & that
 yet
 The great and good man that was called;
 A wise and noble man, the Spirit of
 The secret of his father's mind
 Under the burning sun, the sun
 Under then up thy half-dressed babe,
 And from the cradle of eternity,
 Where millions lie lalled to their portioned sleep
 By the deep murmuring stream of passing things,
 Tear thou that gloomy shroud—Spirit, behold
 Thy glorious destiny!
 Thy name of power, the glorious word
 That in the Spirit of
 Through the wide world, Time's eternal veil,
 Hope was born, bearing through the mists of fear:
 Earth was no longer hell;
 Love, freedom, health, had given
 Their release in the manhood of its prime,
 Of life, the first to the first
 Such a young glow as summer sunsets cast
 On and where, clouds of glory below

O! they lie & ever when freemen shall stand
Between their land & homes & the war's desolation
Blest with vict'ry & peace, may the hear'n record
Praise the power that hath made & preserved us a nation
Then conquer we must - when our cause is just,
And this be our motto - In God is our trust -
And the star-spangled banner in triumph shall wave
O'er the land of the free and the home of the brave.

Washington
Oct 21 - 40

T. S. Key

*Shelley's own corrections are
made on this page from
"Queen Mab"*

[illegible]

The first page
of "Five
Hymns" by
Emily Brontë

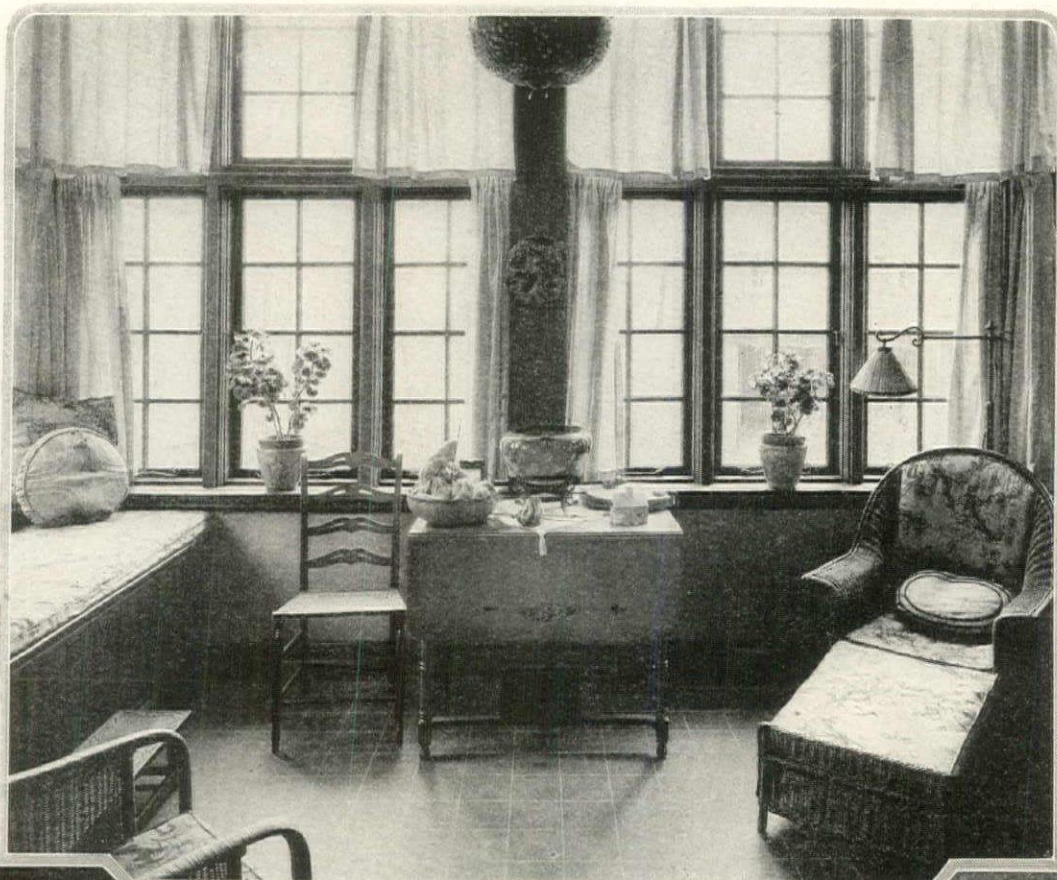
The last verse of "The Star Spangled Banner"—a verse few Americans know by heart—shows Francis Scott Key's handwriting

Marat's invitation to Benjamin Franklin

Le D. Maest. a l'honneur de faire complimenter
à Monsieur & D^{ois} Franklin, & le prieant
qu'il se rende, mardi 24 courant, chez Messieurs
de la Compagnie qui se rendront sur les neuf
heures & demi de matin, & dîneront chez lui.

M. Maest serait très-àise que Monsieur
Franklin voulût augmenter le nombre de la bonne
compagnie. Il a flatté de lui faire voir des
nouvelles expériences intéressantes & curieuses

Ce 22^e août 79.



A double row of casement windows covers three sides of the porch in Mr. Guido A. Doering's house at St. Louis. Casement cloth tempers the light. Over the radiators has been built a long and comfortable cushion seat. The shoulder of the wall makes a broad sill for plants. Farrar & Study, architects

ENCLOSED PORCHES

Give An All-Year Glimpse of Sunshine



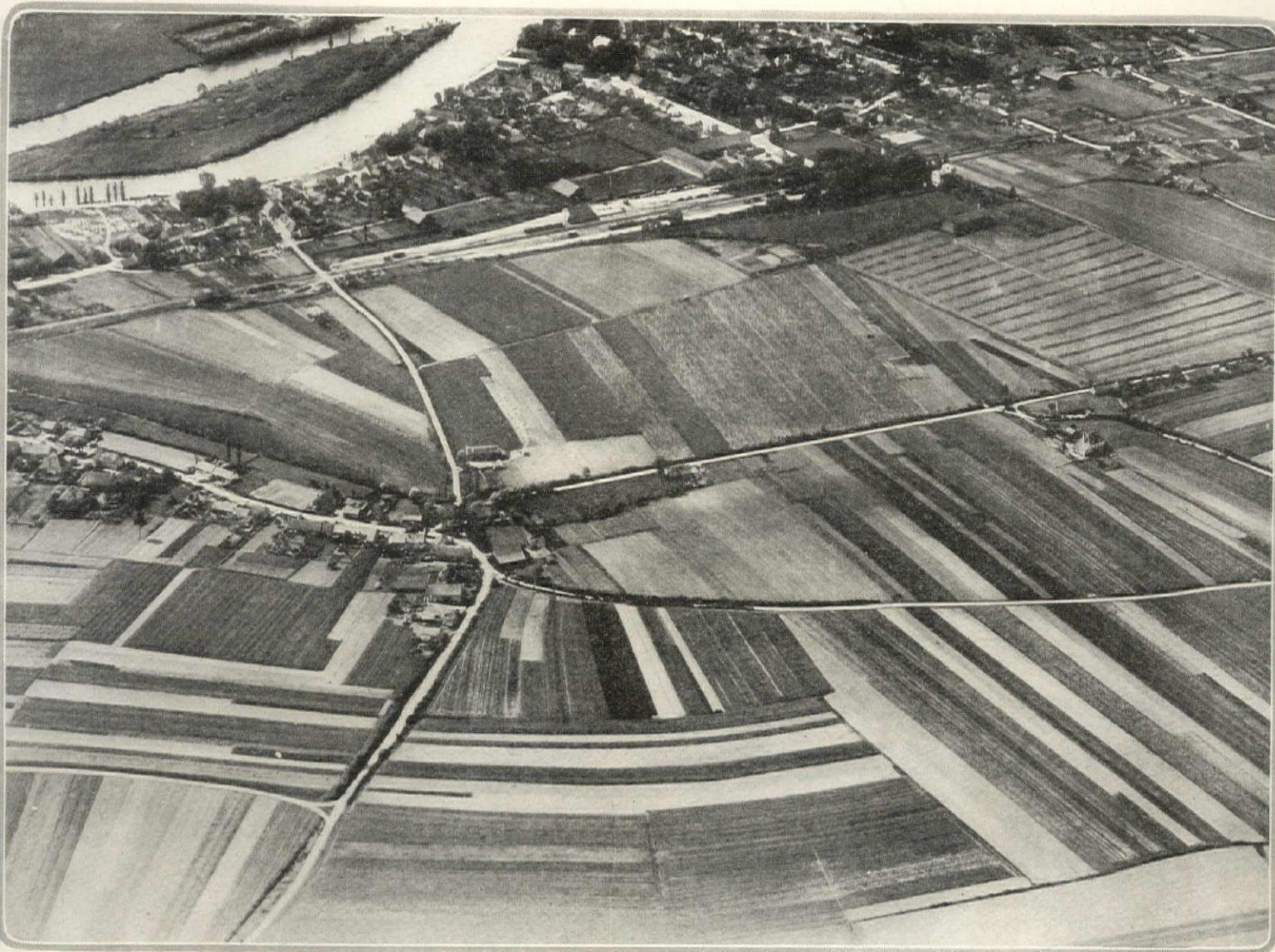
Entrance to the Doering porch is gained through an arched door, from which point can be seen the comfortable wicker chairs and painted cottage pieces



An all-year breakfast porch is a desirable feature for a country house. Glazed chint roller shades can be used and a fibre rug over the brick. M. E. Schmidt, architect



In the home of Mrs. Edward Hasler, Lake Forest, Ill., the enclosed porch has exposed brick walls, a sand plastered ceiling and tile floor. Braided rugs and painted Windsor chairs have been used. Miss Green, decorator



In order to feed the town, the farms nearby must be cultivated and the roads kept in good condition

THE era that banished the fireplace and snuffed the candle added people into towns and brought them and they knew not wherefrom, with the result that the nation has been thinking in terms of the town and of manufactured articles, and the city has forgotten the country.

We are now facing the inevitable consequences of this mal-adjustment. The townsman is combining of the high cost of living and is looking for assistance at the farmer's door. He is telling him that unless the town gives back to the farmer his laborers and the necessary hours of labor he can no longer feed the town. We are already living the fulfillment of a prophetic warning James J. Hill, uttered thirteen years ago, that the national wastage of



Intensive cultivation, made necessary by the requirements of a dense population and made possible by the division of the land into small holdings, not only assures a large total yield to the French city but gives to French farms the nicety of a garden. Good roads and well-kept canals make possible rapid transportation of food stuffs

This aero view of a French countryside shows the close relation between the town and country

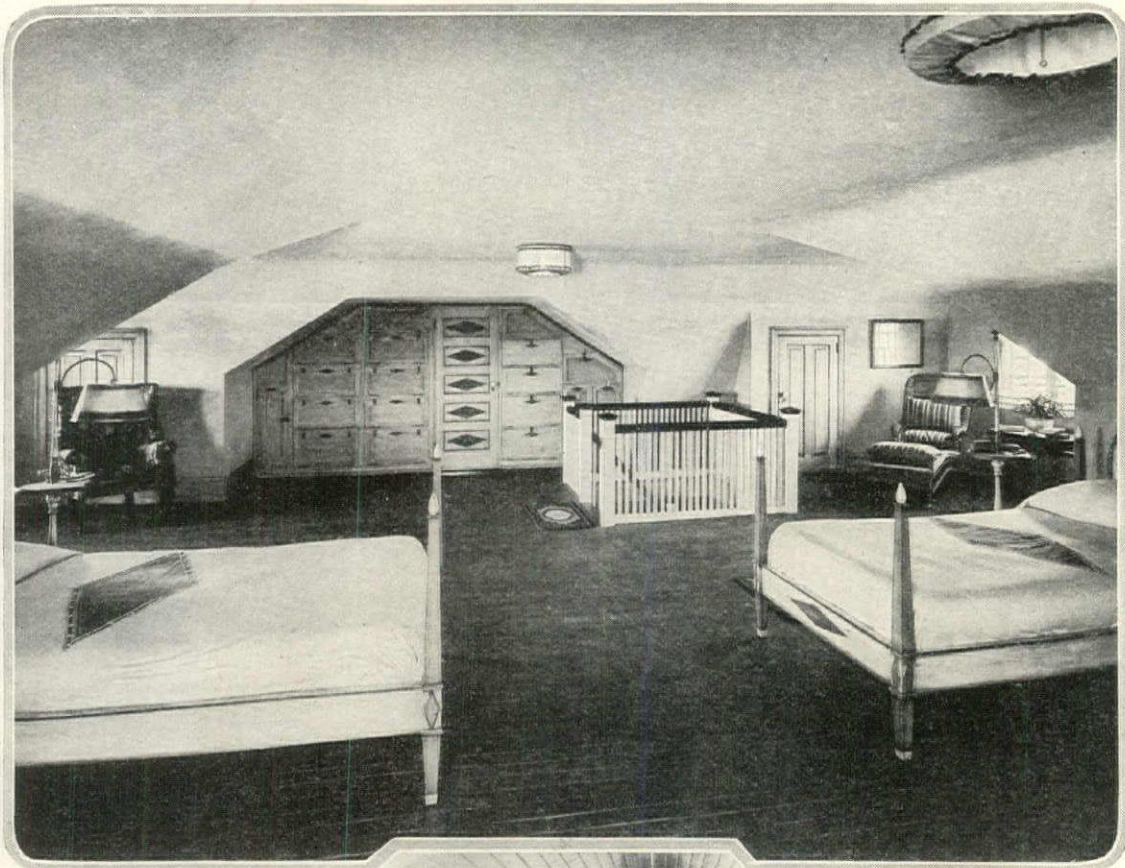
our mineral and timber resources and of our soil fertility must result, within a comparatively short time, in this veritable Land of Promise being hard pressed to feed its own people. We are forced to find a way to avert this evil, and we are coming to recognize the wisdom of Sir Horace Plunkett's words that a complete change in the whole attitude of public opinion towards the question of town and country must precede any practical readjustment of American economic life.

In our helplessness before the newness of our problem we no longer disdain, as in our superabundant youth, to learn from the old world. To those countries where these problems have been met successfully we are now turning for methods (Continued on page 64)

FROM FARM TO TABLE

As The French Solve The Food Problem

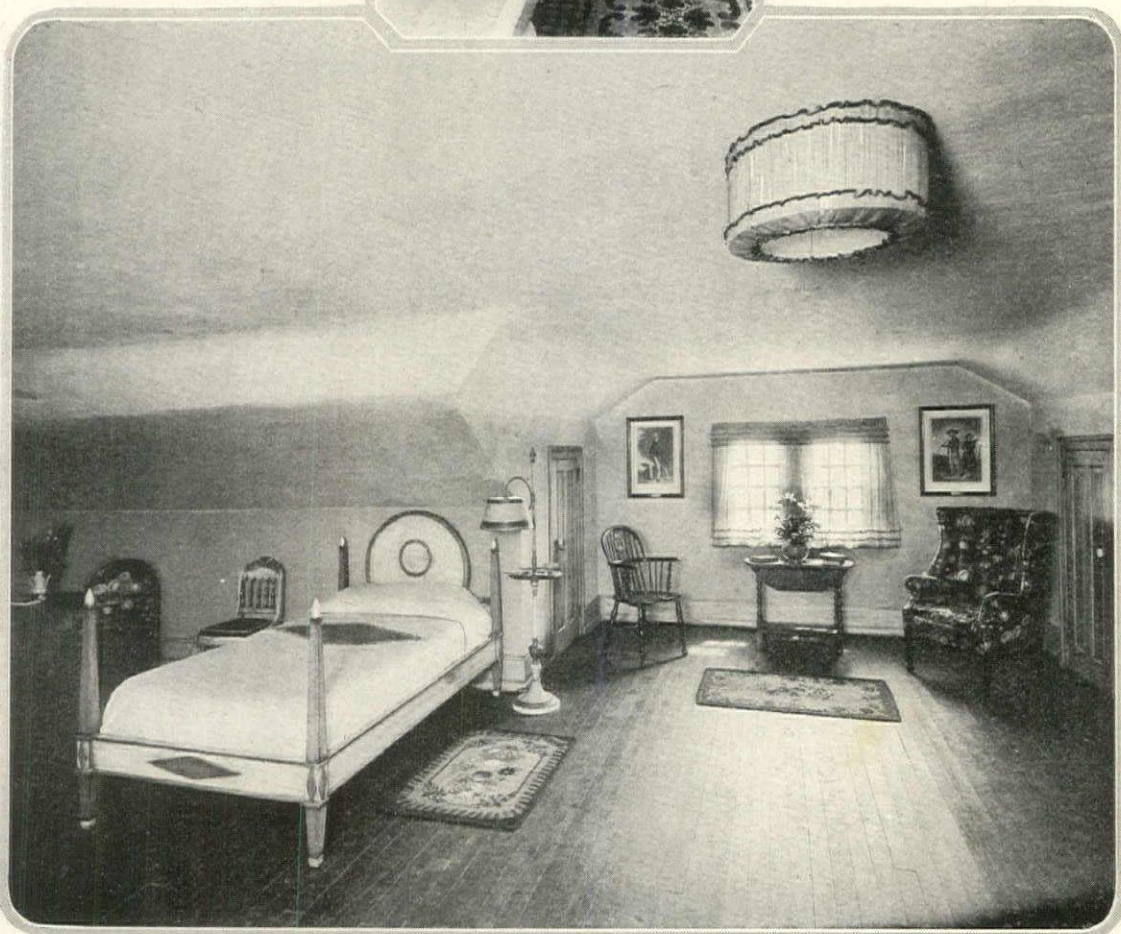
LAURENCE H. PARKER



The linen closets carry the same green diamond decoration that is used on the furniture and have the same background of old ivory. The ceiling shades are of green tarleton to match the curtains. At this end are the alcoves that form a sitting room



In the bathroom a stiff glazed chintz of mulberry lattice pattern is used for roller shades and valance, dressing table and ceiling shades, as well as covering the inside of the linen closet. The floor is green and white linoleum. Agnes Foster Wright, decorator



From the baseboard where they are painted a brilliant green the walls fade up to a white ceiling, giving a sense of distance. The color scheme is black, ivory and green. Green tarleton curtains with black ribbon edges on the ruffles have a cooling effect of fresh salad

THE ATTIC AS GUEST ROOM

This Usual Waste Space of the House Can be Made to Blossom with Interesting Furniture and Accessories to Delight and Serve the Visitor

AGNES FOSTER WRIGHT

HERE is something romantic about an attic, and this seems especially true in the nation of boys and men. It marks the mood of a boy when he can sleep without an attic. Queer old trunks holding old hats and blankets of home-spun, a relic of a gun, a horse-dispatch box, all with curious, pungent atticy—these are the treasures which we weave roses when we are young. Long ago we had a queer furniture painter come for sight to our house in the hills. For years he had been living in a New York City. The thing that gave him most joy was the rain on the night on the attic. He had not heard it when he was a boy. He was an old soul, and yet all country treats we had foraled beside that of God's great of pattering rain on of.

The attic holds many possibilities for development. No one expects of it. We can do all sorts of queer things up there. With the use of water paint or stain on the walls, some braided, ragged rugs on the floor and a fresh paint on the furniture that in color at least the walls will go to—, and some chintz on the furniture and a bright hanging over the windows—give a place for boys and their friends or for the 'up boys'.

In the country often comes a chance to ask for four unattached men up for a week-end's golf. The only boasts are for two guest beds and those reserved for the married couples. The man who has a house knows how this happens. He remodeled at all give space to accommodate these extra

The attic shown in illustrations

was in a house on a golf course where the hospitable owner never had beds enough for all the guests he wanted to invite. He turned to his attic for the solution. He opened the tiny ladder stairway and made a nice square stair well. On the first landing book shelves

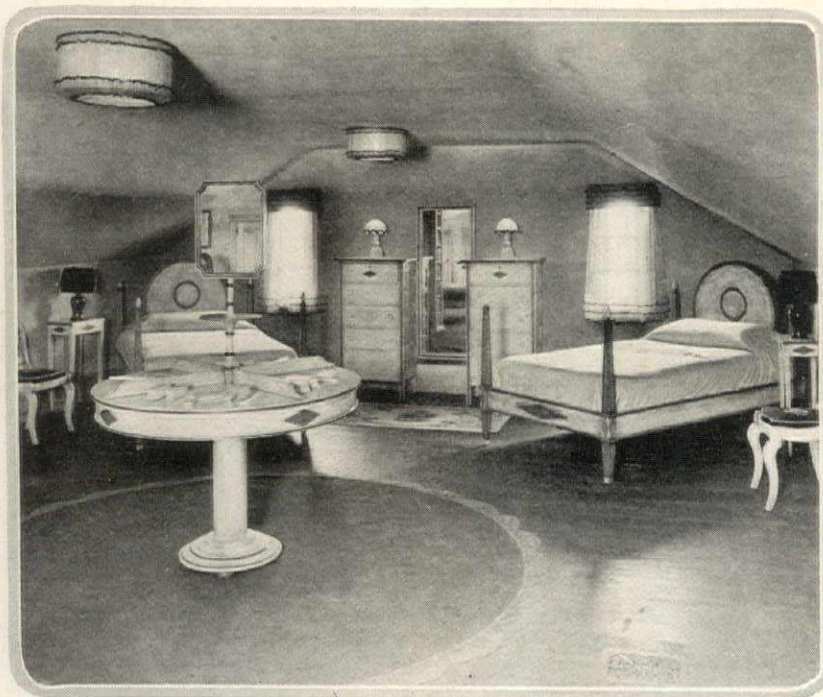
were built into an alcove and a semi-circular top put on it to give it a little distinction. One could choose his night's story on the way to bed.

The rough plaster walls had countless angles and the roof many pitches. It was decided to make the color scheme for the room black, ivory and clear emerald green. The walls were kalsomined, beginning at the baseboard with the bright green and gradually finishing at the top of the ceiling in white. In this way one did not notice the angles, as the color floated from the baseboard into the ceiling and the fresh green gave a lovely cool effect, with the suggestion of distance to it. The floor was stained very dark green.

The attic consisted of one large main part, an alcove on either side and a long, narrow extension. The main part was used as a bed dormitory, the alcoves as a sitting room and the extension a bathroom, with the linen and store closets between.

Four beds were placed in the four corners. Beside two were bedside tables painted to match in ivory and green with green diamonds for decorations. The bed quilts are of deep ivory sateen with green diamonds appliqued in a stitched border design of white golf balls. All the furniture was heavily glazed so that it will not show wear and yet have an interesting texture that unglazed furniture lacks.

The lamps on the tables are of black pottery with black chiffon shades made in bands of bright green with bunches of black shiny cherries hanging from the top. As the space did not allow of tables for the other two beds, standing lamps were used, with a shelf and a white parchment shade decorated with green bands. The house being the mecca of golf (Con't on p. 66)



The dressing table has four compartments and a double mirror. The furniture is ivory and brilliant green

The ivory, black and green color scheme is relieved by gaily flowered hooked rugs, and black glazed chintz



THE RECTANGULAR LOT

Offers a Variety of Chances for Excellent and Livable Landscaping, as Shown by These Five Moderate Planting Schemes

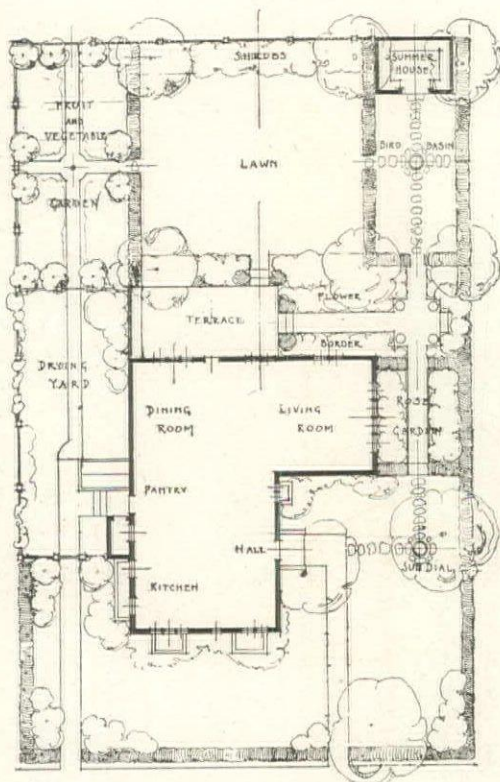
ELIZABETH LEONARD STRANG

THE small rectangular lot is worthy of more attention from the landscape designer than it has hitherto received for the simple reason that so many of them exist. When the possibilities of this seemingly simple piece of ground are more fully realized by potential clients we shall doubtless see many more charming small places than we do now. Even if beauty did not ever justify its own existence the increase in actual value of the property from a real estate standpoint would be a strong argument in favor of the improvements.

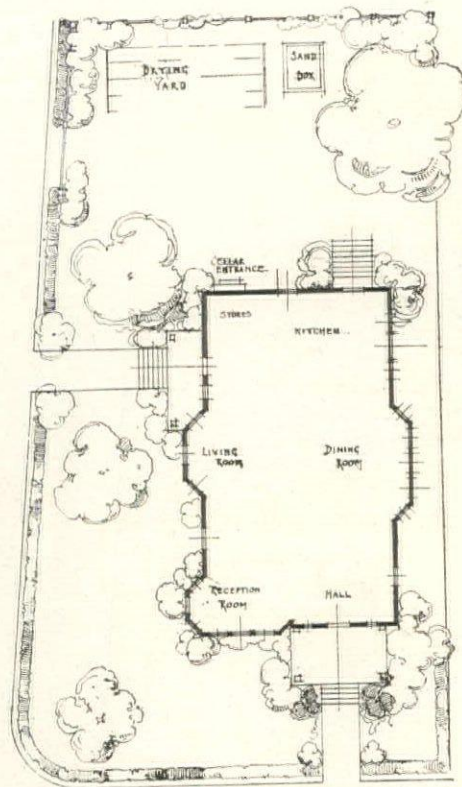
Many factors enter into the design of such a place: the environment, whether city or suburban; the house plan and its relation to the lot; the points of the compass; and the tastes, habits and pocketbook of the owners.

City Privacy

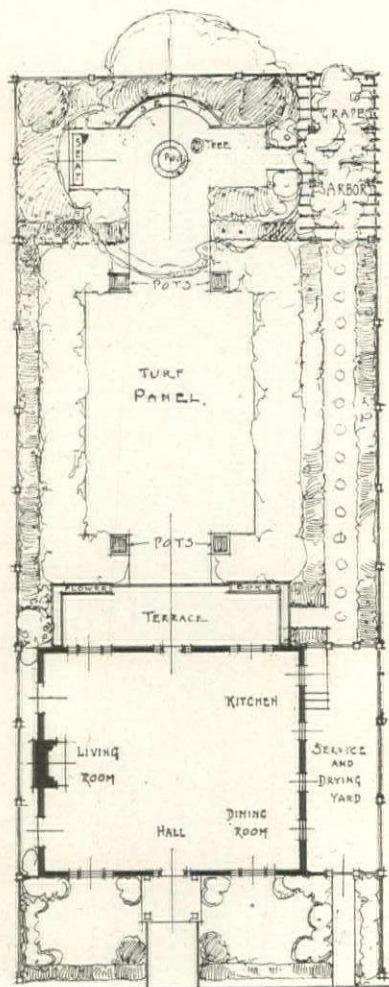
Lot Number One (size 60' x 120') is situated on the outskirts of the growing city of Brockton, Massachusetts. It belongs to a busy physician with neither time nor inclination for gardening, who expects to sell it in the near future and build himself a country home. To expedite this sale he and his wife wish to beautify the grounds as much as possible at small expense for initial work and subsequent care. The requirements are shade and a fair amount of privacy and the softening of the harsh lines of the boundaries and house foundations. A hedge of Iboia privet (the hardest variety) and some good shade trees like red oak or sugar maple provide the former, while the latter is secured by massed planting of shrubs. The outlying boundaries are screened by native thorns, gray birches, witch hazel, common barberry and forsythia, with Virginia creeper and Clematis paniculata on the high wire fence. Around the house are plants of a more domestic character like Persian lilac, Spiraea Van Houtteii, Euonymus alatus for autumn color, the low Spiraea callosa alba or Deutzia Lemoinei beneath the windows, and elder or sweet pepper bush in the shade. Here and there a small tree like a hawthorn or dogwood breaks the monotony. For vines there are the climbing evergreen euonymus and wistaria. Against a sunny wall is the new shrubby Rose Hugonis with its arching sprays of yellow flowers. These are mere suggestions for a plan which in its entirety need not exceed a cost of fifty dollars for plants.



The shape of the city lot No. 3 lent itself to division into parts—a rose garden, flower border and a bird lawn on one side, and on the other driving yard and kitchen garden. Between lies a square lawn, surrounded by lilacs and spiraeas. The cost for plants, \$200



The aim in design No. 1 was to afford privacy to a city lot measuring 60' x 120' and to soften the harsh lines of the boundaries and house foundations. The property was hedged with Iboia privet together with red oaks and sugar maples. The plant cost was about \$50



broad-leaved evergreen Andromeda floribunda will succeed where Rhododendrons fail. If a tree must be set out, the Ailanthus is quick growing and beautiful if the piriform is used.

This plan is capable of development in various ways. If a less expensive type of planting is preferred clipped Japanese barberry or Iboia privet could form the hedge and shade-tolerant shrubs like viburnum or mock orange surround the seat. A grape arbor could take the place of the grape arbor and the drive would then replace the stepping stones and the drying yard give way to a movable clothes reel on the lawn. The plan of the house needs but the simplest treatment—an arching privet over the service walk, a barberry hedge, and a few choice deciduous evergreen shrubs. The cost of this scheme would vary from \$100 to \$500 according to whether or not evergreens were used.

A Garden in Parts

Lot Number Three is also in the heart of Cambridge. It measures 70' x 110'. In this case the arrangement of the house interior was planned in conjunction with that of the garden.

Clipped hedges of arborvitae surround the central turf panel in design No. 2. This is on the axis of the house-depth hall and terrace. A perennial border lines the panel and an outdoor living room has been made with seats under the old apple trees at the end. Variations of this scheme can be used, costing from \$100 to \$500

Lot Number Two (size 60' x 125') is in a densely populated part of Cambridge, Massachusetts. It is of necessity enclosed in and the neighboring houses are close as to almost touch it. The house which is of the Dutch colonial type, is so arranged that the living-room and dining-room are open on the rear. This gives an opportunity to develop the backyard as a garden where the family may work or play. As shown, the central turf panel is surrounded by clipped hedges of arborvitae in front of which a border of clipped perennials, daffodils and iris provide phlox and button anemones, providing constant succession of bloom. Oleanders and the wooden tubs. A large existing tree are seats and a hanging of the best greens for city plantations, Japanese both tall and dwarf Mugho pines.

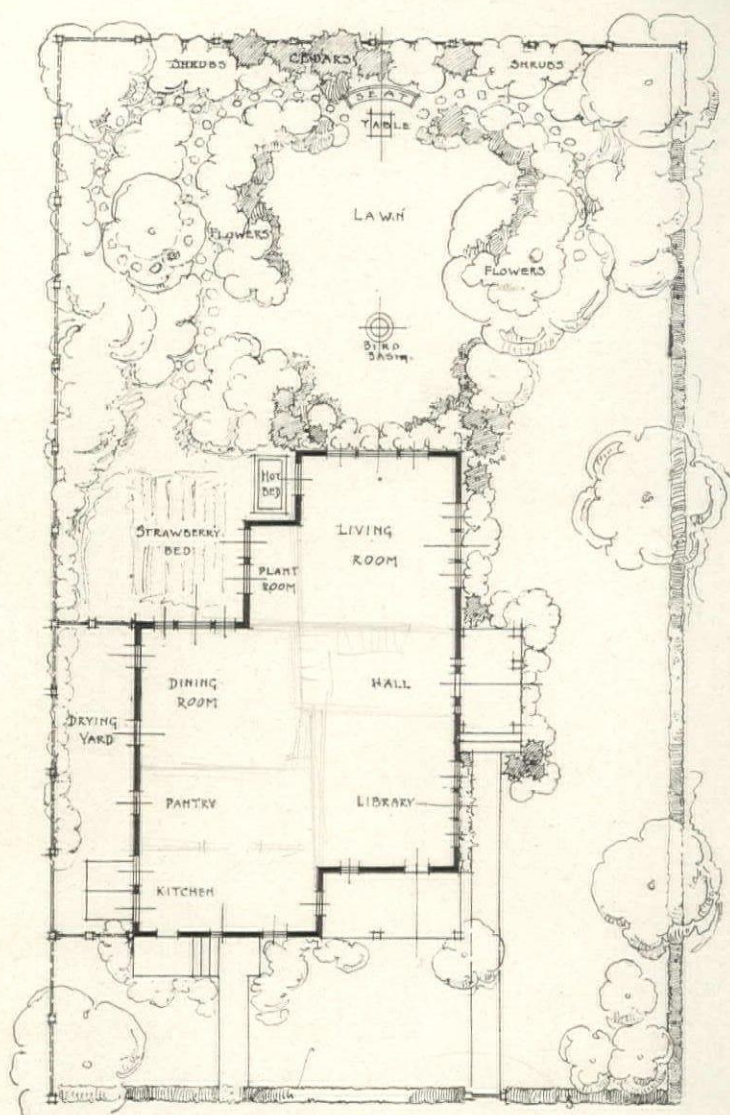
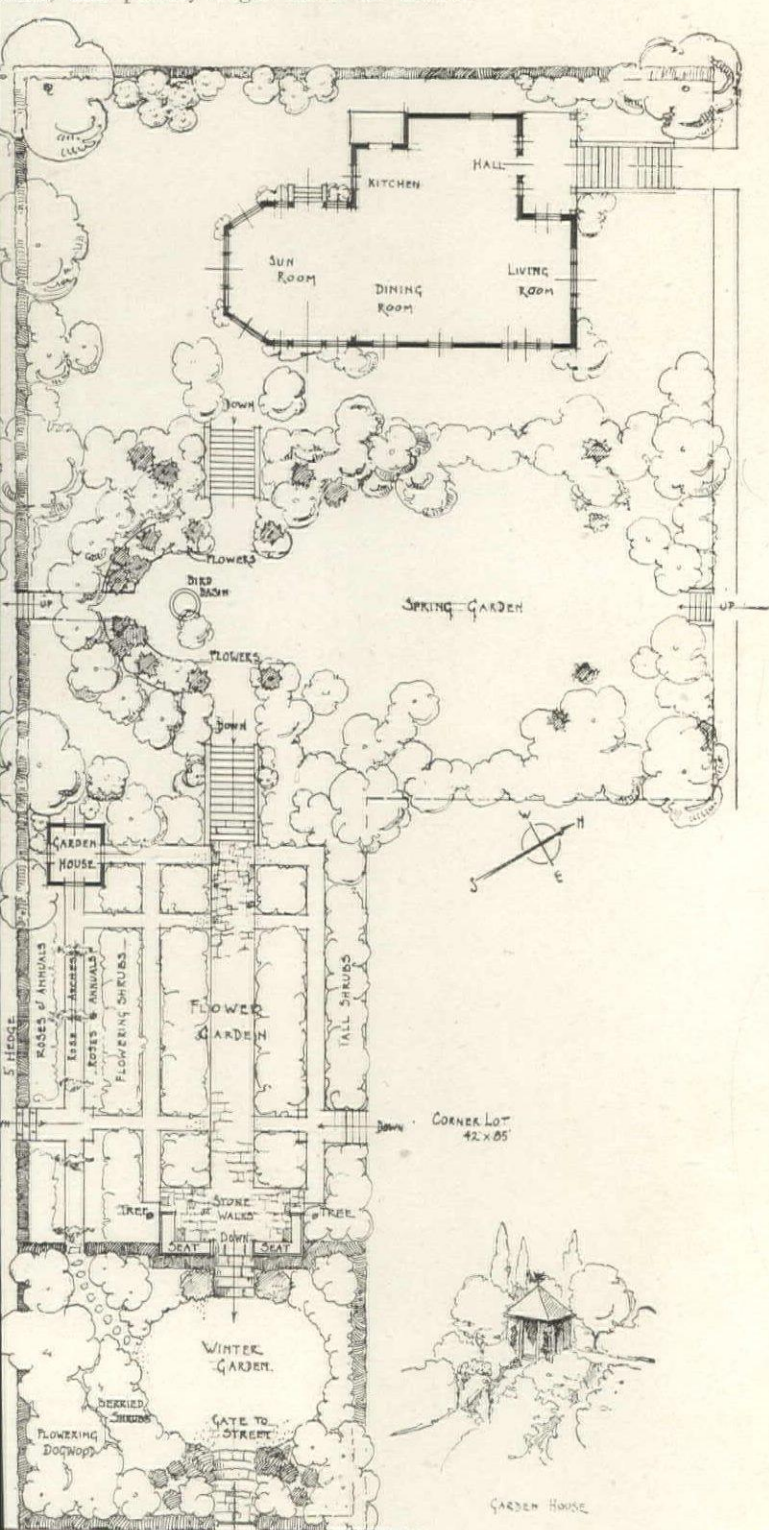
lands. The shape of the lot lends itself to a division into parts. Because of the elm on the street, the house foundations are masked by a few shade-tolerant plants—kias, ferns, maple-leaved viburnum and ar. The hedge is of clipped privet. In it an effect of strong contrast is secured by Japanese yew (upright form) and white flowering almond.

A small rose garden occupies the sunny exposure, with a brick path and edging of 3" which needs slight protection. In the rear a summer house overlooks a bird lawn hung by four silvery Eleagnus longipes, loved of the feathered tribe.

The breakfast terrace faces a central lawn bounded by lilacs and spiraeas in front of which is space for a display of bulbs. But the brightness of the place is in the flower border between rose garden and terrace, where iris, larkspur, lilies, phlox, and in a little of everything forms a concentrated mosaic of color.

A fruit and vegetable garden balances the lawn. Here dwarf fruit trees, standard plants, and parsley edges make an artistic

The fourth lot measures 80' x 130' and is located in an open suburb. Large oak trees provide the setting, to which was added a massed planting of shrubs around the rear, giving it a semi-wild character. In informality lies its charm. Its cost for development would be something over \$500



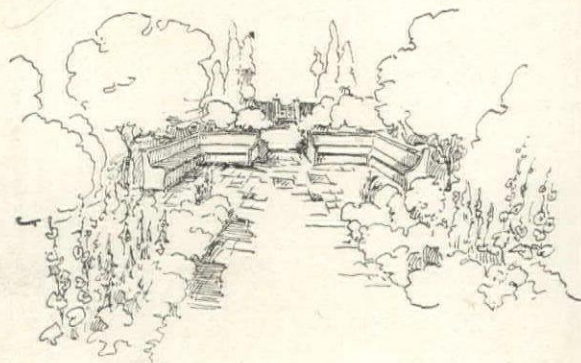
as well as useful combination. Of course only a few vegetables are grown, or the space could be filled with gay annuals. Ample service space is provided. A garage might take the place of the vegetable garden. The cost of the plant materials on this plan would be around \$200.

An Informal Development

Lot Number Four (80' x 130') is situated in Newton Center, a town adjacent to Boston, in a section where the houses are far apart and the grounds ample. Here also the house rooms were planned in relation to the compass points and the shape of the lot. One improvement is suggested, in that French windows and steps might have opened from the living room to the garden. Several large oak trees provide a setting, and their high branches do not preclude the possibility of planting beneath them. Because the ground slopes to the rear it was thought best to avoid the expense of grading by making an informal garden. Against the fence, therefore, are trees and

(Continued on page 58)

The fifth plan is really a garden for three adjoining houses. Along the main path which descends by steps has been laid out the bird basin end of the spring garden, the flower garden and the winter garden—an all-year development costing between \$1000 and \$2000



AN ENGLISH GARDEN IN SPRING

*Mathern Palace, A Home of
W. Avray Tipping*

MRS. FRANCIS KING

FOR those who cannot, or who will not travel, and whose gardening interests still leap across seas to other lands, substitutes in the way of photographs prove the alternative, supplemented, of course, by written description. And since substitutes some of us must and will have, pictures of the type with which this writing deals are as near perfection as such things may be.

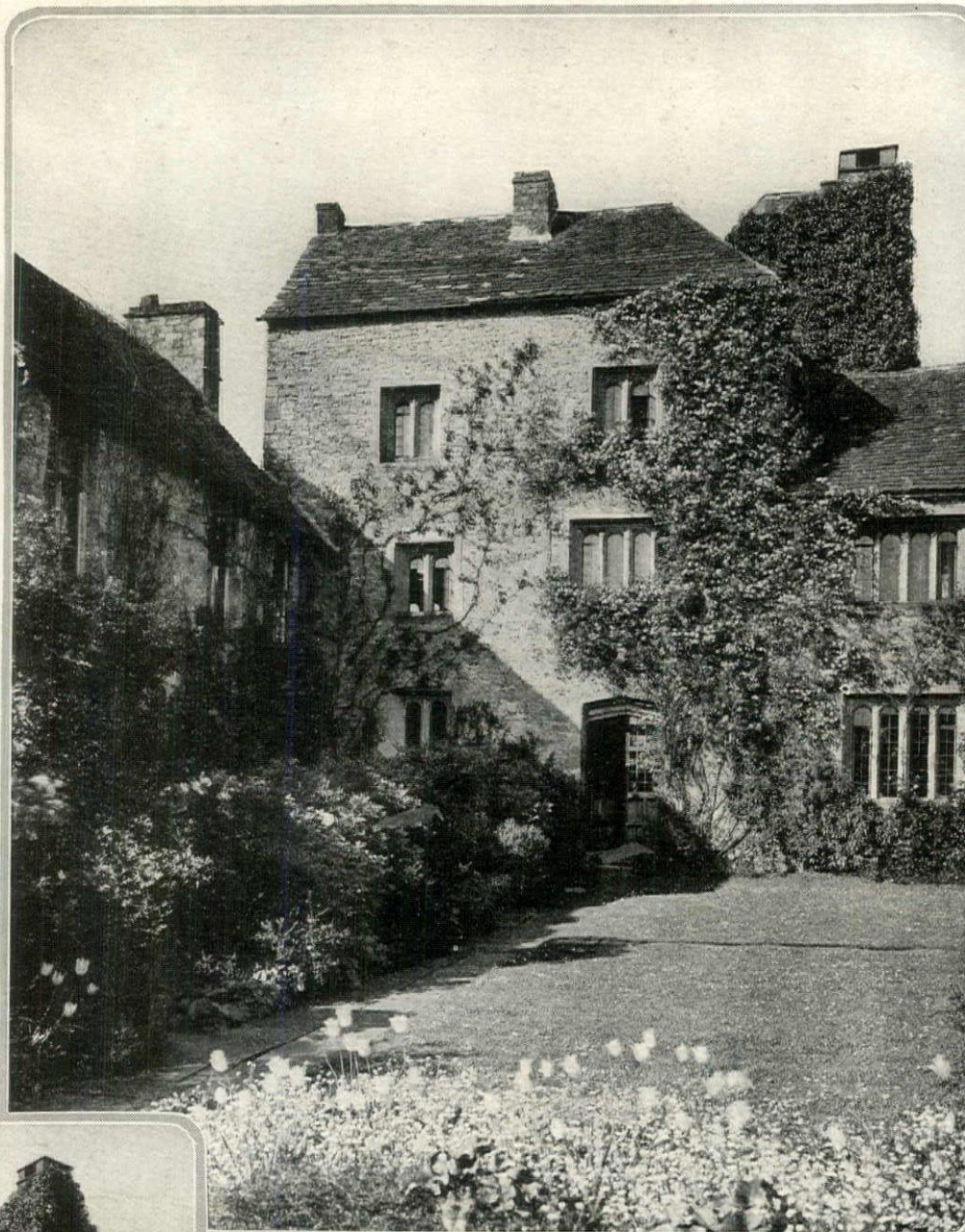
Here, to the eye accustomed to finding color, light and shade in pictures, are these qualities in high degree. Here are shown forth a particularly interesting ancient dwelling in Wales, and its gardens in the spring, Mathern Palace, for thirteen hundred years an episcopal residence.

In 1894, the property came into the hands of Mr. W. Avray Tipping, the distinguished English writer on architecture. Under his able direction, the conversion of the old house to meet the needs of modern living, was done without losing one whiff of the savor of an antique time. That Mr. Tipping is one of the best of amateur gardeners, too, one cannot doubt who sees these pictures and who has read of his later horticultural achievements at a newer place, Mounton House.

In his own words, he thus tells briefly the story of the gardens of Mathern Palace.

"If the house is essentially old, the gardens are absolutely new. The sordid untidiness of a hopelessly ill-contrived and unrepaired farmstead prevailed in 1894. There was a potato

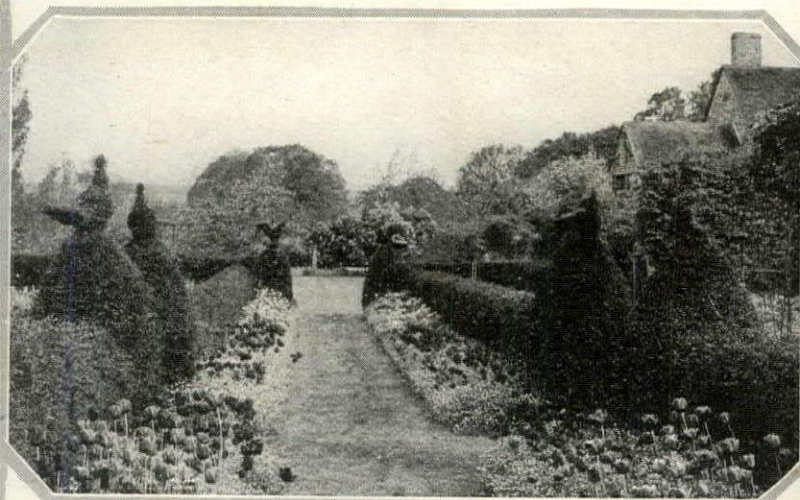
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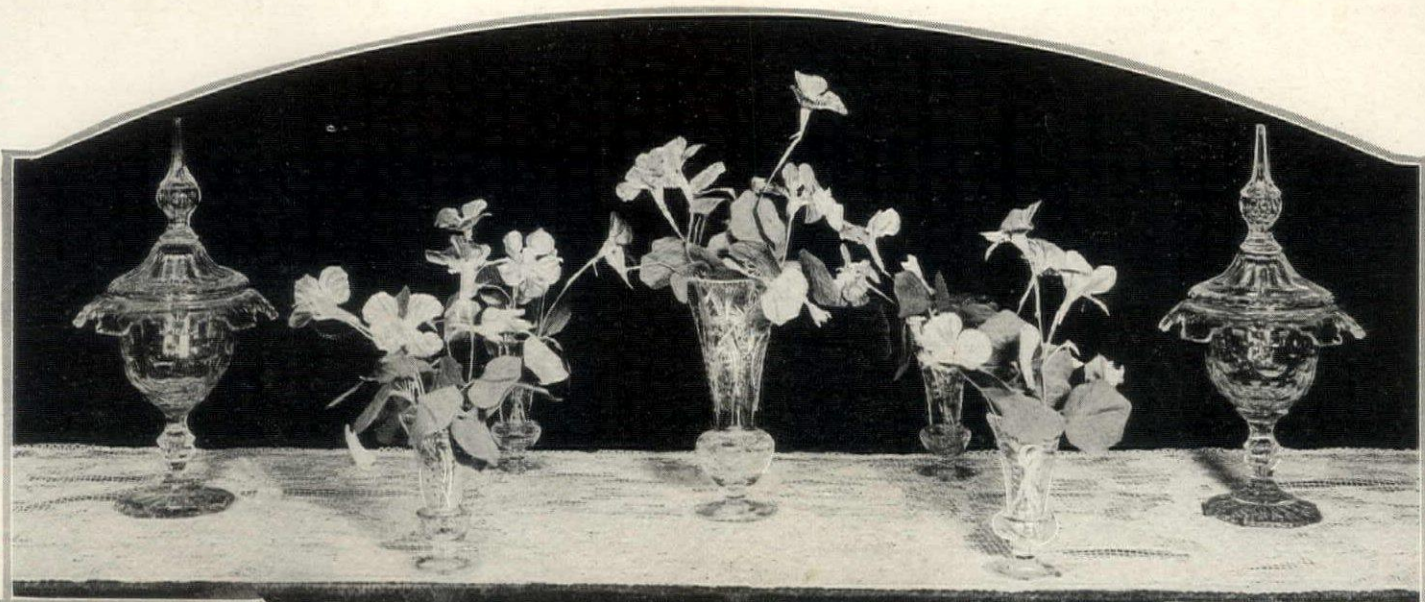
Mathern Palace dates back thirteen hundred years. Now restored for modern living, it is further enriched by a garden that is counted a distinguished horticultural achievement. This view is of the quadrangle



In tulip time there is a glimpse of the old buildings for a background, the happy use of trees and a fascinating foreground of tulips



The grass alley is bordered by tulips and myosotis in beds, with hedges behind. This walk divides two gardens, a rose garden on the right



The set of five flower vases above is of rock crystal. \$30. The English crystal comports are \$50 the pair

These graceful little scent bottles are of engraved glass with gold tops. They are priced at \$10 the pair



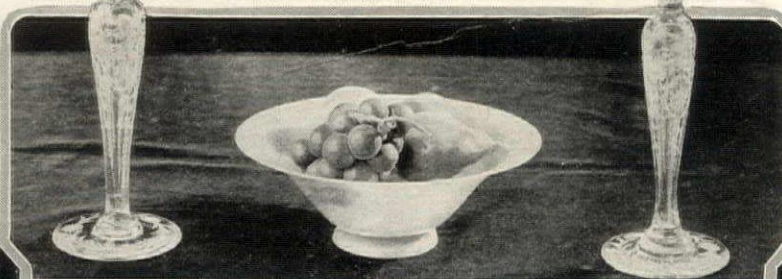
This comport is Venetian glass stippled with gold. Gay little pears in colored glass make the handles and decoration on the top. \$18



Above is a candy jar of American glass in either amber or amethyst color which may be had for \$5.25. It is 10" high and extremely graceful

CRYSTAL

Which may be purchased through the House & Garden Shopping Service.



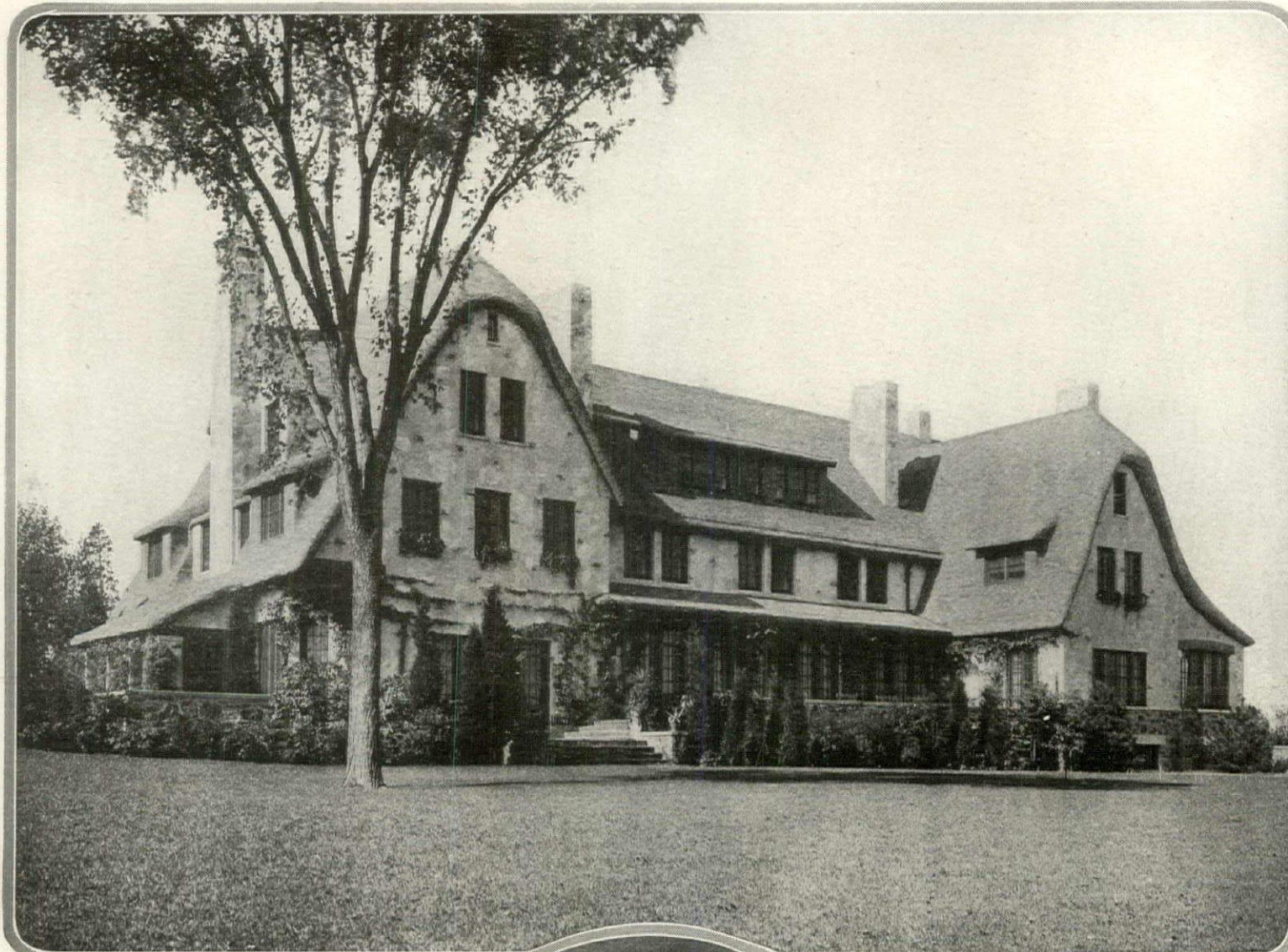
Below is a comport of rock crystal that is smart because of its simplicity. It is about 5" high and is priced at \$7

The engraved crystal candlesticks at the left are 12" high. \$11. The 10" fruit bowl is of aquamarine glass. \$9.25

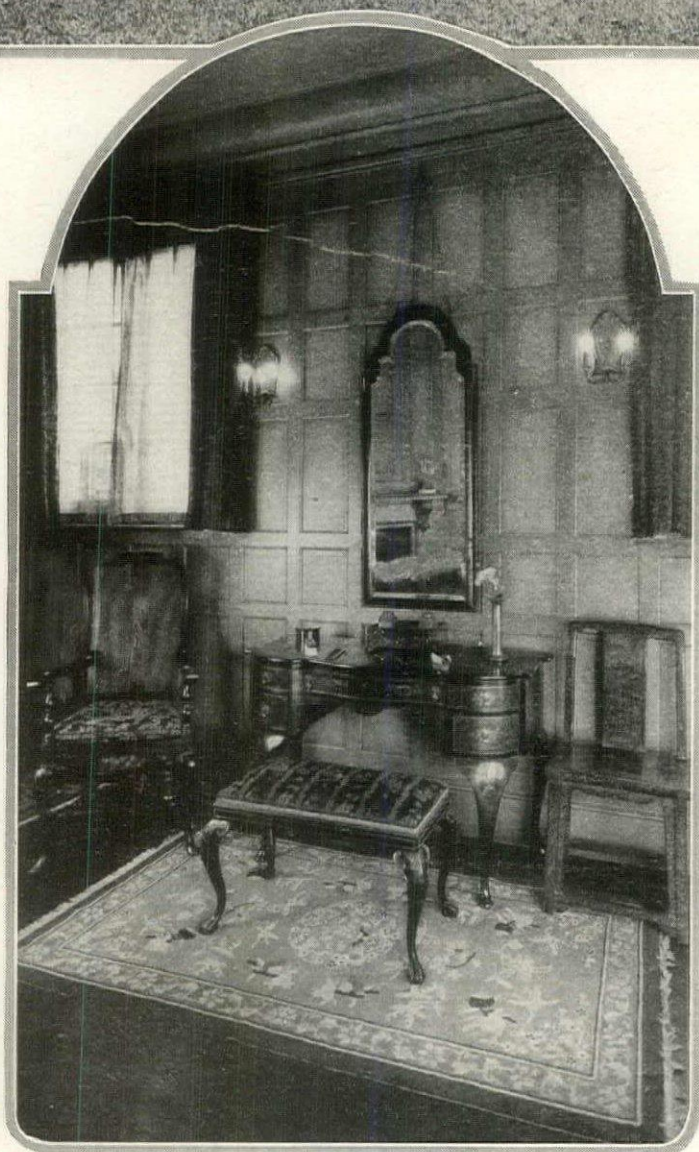


The set of glass shown below is unusually lovely, of rock crystal in a graceful flower design. The prices, reading from left to right, per dozen are—claret glass, \$33; cordial, \$25; sherry, \$27; champagne, \$39; goblet, \$46; grapefruit, \$75; finger bowl, \$50, and finger bowl saucer, \$50





Early English influence is seen in the architectural contour of the house—the massing of its gable ends, the roof shingled to simulate thatch, the long dormers and the range of casement windows in the sun room that open on the terrace overlooking the lawn. The rough texture of the walls affords an excellent background for the terrace planting and vines



Off the entrance hall is a little black and gold lacquer coat room. Walls are finished in old yellow glaze, the black floor covered with old Chinese rugs in tones of gold and dull blue and the window draperies and cushions are of black and gold Chinese brocade. The furniture, late Queen Anne and early Georgian, is lacquered in black and gold

A COUNTRY HOME at GREENWICH CONNECTICUT

CROSS & CROSS, Architects
Interiors by HAMPTON SHOPS



Dignity is lent the dining room by the paneled walls finished in deep ivory. A Persian rug in soft tones of blue and gold covers the floor. Chairs are hand-made reproductions of a Chippendale design, while the table and console were adapted from Chippendale designs to fit the spaces in this room. The draperies repeat the blue and gold note



This simple little breakfast room looks out on the garden and the sea. Here the windows are shaded by glass curtains of case-ment cloth and overdraperies of quaint old English printed linen. The tiled floor and sand colored rough plaster walls suggest being out-of-doors, as does the green painted furniture

There is a fireplace at each end of the sun room. The walls are of rough plaster, with the stone work outlining the door and window frames. The red stone floor and old Italian well-head of reddish stone give a warm color note which is repeated in the chintz covers and draperies at the case-ment windows



FALL PLANTING AND TRANSPLANTING

*Garden Operations this Month Which Will Give You More
Perennial Flowers Next Season*

ROBERT STELL

TO some it may come as rather a surprise, this idea of planting the garden in the fall. We are prone to think of spring as the period preeminent for the sowing of seed, the setting out of bushes and young trees, of creating a garden from the union of soil and the literal fruits thereof. In some ways such an attitude on our part is justified, for vegetable seeds and those of practically all of the annual flowers are planted in the early part of the year rather than the later; but there are many, many other plants which do best when fall-planted. Roughly speaking, these are the perennial flowers, and the deciduous shrubs and trees.

The reason for fall planting is simply this: it enables hardy things to establish their roots in their new sites before freezing weather and without check in growth, with the result that they will be ready to start active life with the first warming of the soil in the spring. Were planting postponed until March or April, a decided delay in development would occur because of the inevitable shock which comes with moving a growing plant from one place to another.

TAKING up the perennial flowers first, we find this situation: while in the majority of cases their seeds should be sown in the spring or summer in order to yield blossoms the following season, the setting out of young plants and the root division or replanting of old ones are best accomplished in the autumn. With one intervening transplanting (or without even that, in many cases) the hardy young plants which you have started in your seed bed can go into their permanent places now. A light mulch applied after the ground freezes will help them to come through the winter safely and develop into strong blooming plants next season.

Such transplanting follows the general rules of all such operations: you take the youngsters up with plenty of earth around their roots and without injury to the latter, and water plentifully as soon as they have been reset and the soil well firmed around them. New plants received from some other grower should be treated in the same way, unless they are in the "division" class which will be considered presently.

Root division in the fall can be practised successfully in the case of large, well established clumps of the majority of perennials listed in the accompanying table. The true bulbs, of course, are not handled in this way. They must be dug up and moved complete, though the offsets which the lilies form can be separated from the parent bulb and planted by themselves.

THE time to divide and reset perennial roots is after they have ceased to bloom and have entered into a semi-dormant state. Most of them can be divided by hand, but care should be taken to have each section carry

a few strong buds or crowns. Do not let the clumps be too large, and do not place them too close together when resetting. Perennials as well as other flowers do best when not overcrowded. A sharp spade can be used to divide into smaller clumps the roots of such plants as cannot be separated with the hands.

This root division has another value than merely increasing the number of plants in your garden. Many of the stronger growing perennials form such large root masses after a few years that they exhaust the soil, and this, together with the more or less unhealthy condition of the older roots which comes with age, shows in the fewer and inferior blooms

SPACING FALL PLANTS

Aconitum (monkshood)...	2	small plants to	1	sq. ft. of soil
Adonis (pheasant's eye)...	4	"	"	"
Asters (hardy).....	2	"	"	"
Astilbe	1	"	"	"
Alyssum saxatile	4	"	"	"
Aquilegia (columbine)...	3	"	"	"
Anthemis	6	"	"	"
Bellis (English daisy)...	6	"	"	"
Campanulas (except Canterbury bells).....	3	"	"	"
Convallaria (lily-of-the-valley)	6	"	"	"
Delphinium (larkspur)...	4	"	"	"
Dianthus plumarius (grass pink)	5	"	"	"
Funkia (plantain lily)...	1	"	"	"
Gypsophila (baby's breath) 1	"	"	"	"
Helenium	1	"	"	"
Hemerocallis (day lily)...	1	"	"	"
Heliopsis	1	"	"	"
Hibiscus (mallow).....	1	"	"	"
Iberis sempervirens (hardy candytuft)	2	"	"	"
Iris	2	"	"	"
Lupine	2	"	"	"
Myosotis (forget-me-not) ..	2	"	"	"
Peony	1	"	"	"
Phlox	2	"	"	"
Veronica	1	"	"	"
Salvia	2	"	"	"
Spirea	1	"	"	"
Crocus	8	bulbs to	1	sq. ft. of soil
Hyacinth	8	"	"	"
Lilies	2	"	"	"
Narcissus	6	"	"	"
Scilla (squill).....	8	"	"	"
Snowdrops	8	"	"	"
Tulip (May flowering).....	5	"	"	"
Deciduous shrubs and ornamental trees.				
Fruit trees except cherry, apricot, plum and peach.				
Seeds of "pit" fruits (peach, etc.).				

which are produced. A clump which has reached this state needs division for its own sake. Cut out and discard the superannuated parts of the roots, and replant the healthy parts in enriched soil.

AUTUMN is the best season of all for planting hardy bulbs. They should be set with their crowns from 3" to 5" below the surface, depending on their size. The larger lilies can be planted as deep as 10" or even 12". It is perhaps unnecessary to add that all bulbs should be placed with their tops, which are clearly distinguishable by their pointed appearance, uppermost.

Shrubs and small trees set between now and freezing weather should come through well. The holes dug for them ought to be deep enough to accommodate their roots without crowding. Any broken or badly bruised roots had better be cut off before the plant is set in the ground. Thorough and firm tamping down of the soil around the roots as it is firm is essential to full success, and, particularly if the weather is dry, abundant water at the time of planting and for a few days afterwards will help a great deal in enabling the roots to re-establish themselves. As with all root things, shrubs and trees should be left out of the ground as short a time as possible, their roots kept protected from the dry effects of sun and wind.

Apple, pear, quince and crab-apples may be fall planted, as well as bush fruits such as currants and gooseberries. But the so-called "pit" fruits like peaches and plums, had better be planted until early spring. If you have available space and are in no great hurry for results, it will prove an interesting experiment to plant some pits of the latter kinds in the open this autumn and raise trees of your own. The action of the winter's cold and moisture will split the hard pits and they will sprout in the spring. They do not need to be planted deeply—an inch or two is enough—and after the seedlings are a couple of feet high they can be transplanted with other small trees.

And now a word in explanation of the accompanying table. The number of plants designated as sufficient for a certain area of ground is based on the season's effect only. The second year's bloom will find many of the plants large that division and a general thinning out will be necessary. It is not an easy thing to create a complete, market-looking perennial garden in one year, but you can at least help to approximate it by close planting while the stock is still small.

ONE more flower might be added to this list for fall planting—sweet pea. In the North they can be planted about six weeks before the first frost—about the middle of October—one uses a glass frame to cover them during freezing weather or as late as the end of November when sown in the open. They should be covered over the plants with 3" of soil.

The purpose in open fall planting sweet peas is to sow them late enough so that the seed will germinate but not come up above ground before frost. It is held in this condition until the weather opens up again.

Both the frame and the open sowing give sturdy plants early in the spring, blooms much sooner than if the seeds were planted in April.

By doing some of the work in the fall, plants will be hardier and will be more ready to start active life in the spring.



FALL PLANTING TABLE

The questions of what, where and how to fall plant puzzle many home gardeners. Here they are answered briefly and without unessential verbiage. Let the following table be the basis of your flower and shrub planting this fall



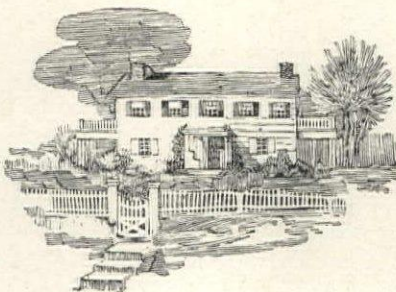
	NAME	BLOOMS	HEIGHT	COLORS	REMARKS
HARDY PERENNIALS	Aquilegia	May—June	3 — 4	Yellow, red.	Aquilegia. Graceful and airy, especially valuable in mixed border.
	Aconitum	June—Sept.	3 — 5	Blue	Aconitum. One of the best for shady and semi-shady positions.
	Anchusa	May—June	3 — 5	Blues	Anchusa. The new varieties are great improvements. Give full sun.
	Anemones	Sept.—Oct.	1 — 2	White, rose.	Anemones. Beautiful flowers, lasting until hard frost. Good for cutting.
	Carex (Sedge)	May—June	1 — 2½	Foliage	Carex (Sedge). Good for marshy places or wet spots.
	Chrysanthemums	Sept.—Nov.	2 — 4	White, maroon, yellow.	Chrysanthemums. Most important of the late fall flowers.
	Dicentra	May—June	2 — 3	Pink	Dicentra. Old favorite, thriving in either shade or sun.
	Dictamnus	May—July	2 — 3	Pink, white.	Dictamnus. Showy for the mixed border; give rich soil and sun.
	Delphinium	June—Sept.	3 — 6	Blue	Delphinium. Indispensable for background in the mixed border.
	Ferns	May—Oct.	1 — 4	Foliage	Ferns. Good for shady positions, especially massed around the house.
	Foxgloves	June—July	4 — 5	White, purple, lilac.	Foxglove. For backgrounds in the mixed border. Dominate whole garden.
	Hardy grasses.	May—Oct.	2 — 5	Foliage	Hardy grasses. Should be used freely both by themselves and in mixed border.
	Hardy pinks.	May—June	1	Crimson, white.	Hardy pinks. Old favorite. Among the easiest to grow of border plants.
	Hibiscus	July—Aug.	5 — 8	Pink, white.	Hibiscus. Full sun, but prefer moist soil. Robust growth with immense flowers.
	Helianthus	July—Sept.	5 — 6	Orange, yellow.	Helianthus. Desirable for shrubbery planting and in clumps. Newer varieties.
	Iris	May—July	2 — 3	Blue, lavender, yellow.	Iris. Select varieties for succession of bloom and character of soil.
	Peonies	June	2 — 4	Red, white.	Peonies. Strong soil and sun or partial shade. Cover crown 2" deep.
	Perennial poppies.	June—Sept.	1 — 3½	Red, white.	Perennial poppies. "Iceland" bloom all season; "Oriental" in May and June.
	Primroses	April—May	½ — 1	White, yellow.	Primroses. Good for half shady position and rockeries. Rich soil.
	Phlox	June—Aug.	2 — 3	Pink, red, white.	Phlox. Select for succession of bloom; replant every three or four years.
	Rudbeckia	July—Aug.	4 — 6	Yellow, orange.	Rudbeckia. Hardy, robust; spreads by itself; excellent for screening.
	Saxifraga	April—June	½ — 3	Pink, white.	Saxifraga. Very hardy; thrives everywhere; good for bordering shrubbery.
	Shasta daisy.	July—Sept.	1½	White	Shasta daisy. The popular original has been improved in later varieties.
	Spiraea	May—June	3 — 5	White, pink.	Spiraea. Prefers semi-shade and moist soil; good for borders; permanent.
SHRUBS	Stokesia	July—Aug.	1½ — 2	Blue, white.	Stokesia. Good for masses and beds in sunny positions; very hardy.
	Sweet William.	June—Sept.	1½	Pink, white.	Sweet William. Extremely hardy and permanent; fine for cutting.
	Salvia	June—Oct.	3 — 6	Blue, red.	Salvia. Prefers moist and semi-shaded positions; several new varieties.
	Trillium	May—June	1½	Red, white.	Trillium. Good for moist, shady positions in the hardy border.
	Veronica	June—Aug.	1½ — 4	Blue, white.	Veronica. Long spikes of flowers; extremely effective in mixed border.
	Vinca	April—Nov.	½ — 1	Foliage	Vinca. Good as ground cover in shady position and under shrubs.
	Violets	April—May	½ — 1	Blue, white.	Violets. A generous number should be included in every mixed border.
	Berberis	April—Nov.	2 — 3	Foliage	Berberis. Best general plant for informal hedges; color in autumn.
	Deutzia	May—July	6 — 8	Pink, white.	Deutzia. Very hardy, permanent, and free-flowering; any soil; full sun.
	Lilac (Syringa)	May—June	15 — 20	White, lilac.	Lilac. Tall hedges, screens, and individual specimens.
BULBS	Hydrangea	June—Sept.	10 — 15	White, pink.	Hydrangea. Lawn specimens, hedge terminals, screening hedges.
	Forsythia	April—May	8 — 10	Yellow	Forsythia. Single specimens and in mixed border. Best early shrub.
	Japanese maples.	May—Oct.	10 — 15	Colored foliage.	Japanese maples. Invaluable alone on the large or small lawn.
	Rhus	July	15 — 20	Foliage	Rhus. Unique and effective. Good background shrub.
	Spiraea	May—June	15	White, pink.	Spiraea. Invaluable in the mixed border; also isolated. Many varieties.
	Althea	Aug.—Oct.	15 — 20	White, red.	Althea. Tall hedges and single specimens. Very hardy.
	Viburnum	May—June	12 — 15	White	Viburnum. Hardy and effective. Flowers followed by white or scarlet berries.
	Weigela	June—Aug.	8 — 12	Pink, white.	Weigela. Extremely pretty and free-flowering. Graceful single specimens.
	Tulips	Plant—Inches Apart Deep	1 — 3	Pink, purple, white.	Tulips. Most effective in long borders and in front of shrubs.
	Narcissus	4 — 8 4 — 6	1 — 2	White, yellow.	Narcissus. <i>N. poeticus</i> and <i>N. P. ornatus</i> good for naturalizing.
	Jonquils	6 — 12 5 — 7	1 — 1½	Yellow	Jonquils. For the mixed border and for cutting. Plant early.
	Hyacinths	6 — 8 4 — 6	1 — 1½	Blue, white, pink.	Hyacinths. Best for formal and design bedding. Mass in variety.
	Lilies	6 — 10 5 — 7	2 — 6	White, red, yellow.	Lilies. Plant soon as received. Succession of bloom throughout summer.
	Snowdrops	12 — 24 6 — 10	½	White	Snowdrops. Earliest flowering; naturalize in open woods or in rockery.
	Scillas	2 — 4 3 — 4	½	Blue, white.	Scillas. Under trees or on shady lawn; will stand close mowing.
	Crocus	2 — 4 3 — 4	½	Blue, white, yellow.	Crocus. Brightest of the early spring blooming bulbs. Naturalize.
	Spanish Iris.	6 — 12 3 — 4	1 — 2	Blue, purple.	Spanish Iris. Prefer a light, friable soil; good for the mixed border.
	Grape Hyacinth.	2 — 3 3	½	Blue, white.	Grape Hyacinths. "Heavenly Blue" the best variety; plant in groups.
	Anemones	4 — 6 3	½	Blue, white, scarlet.	Anemones. Prefer well-drained, sheltered position; good for rockery.
	Allium	6 — 2 4	1	Yellow, blue.	Allium. Naturalize where grass does not have to be cut and in borders.
	Chionodoxa	3 — 6 2 — 4	½	Blue	Chionodoxa. Prettiest of the early blue spring flowers; naturalize in grass.

FALL PLANTING INSTRUCTIONS

Be sure that the plants are in a healthy condition. Plants set out in the fall in a dormant or semi-dormant state do not give evidence of infestation. Buy from a reliable nurseryman. Plants should be well matured; the wood should be firm and hard in the case of trees, shrubs and small fruits, and the season's period of flowering over in the case of perennials. Set out immediately upon arrival.

Any ordinary good soil will answer for most plants. Avoid extremes of sand or clay. Thorough drainage is essential. Heavy soils will be benefited by an addition of coarse sand, gravel, coal ash, or broken brick. Lime is good for both extremely heavy and light soils.

The amount of soil preparation will depend on the quality of the soil and the culture it has received. Add rotted manure and ground bone where plant food is necessary.



Before planting see that all roots are in proper condition. Cut off broken or straggly roots. Prepare holes for shrubs and put in plant food. Keep roots moist. Most perennials that form in clumps or crowns should be set out so that the tops are about level with, or slightly lower than, the surface. Firm in soil about roots. Tag all plants.

After soil is well frozen, apply winter mulch. This protects plants from weight of snow and prevents premature root growth. Use fine, dry manure, marsh hay, dry stable litter or leaves. A depth of 3" to 5" is sufficient.

Of the larger fruits, apples and pears may be set out now, but cherries, peaches and plums should be left until spring. Of the small fruits, raspberries, blackberries, gooseberries and currants may be set out to advantage this fall.

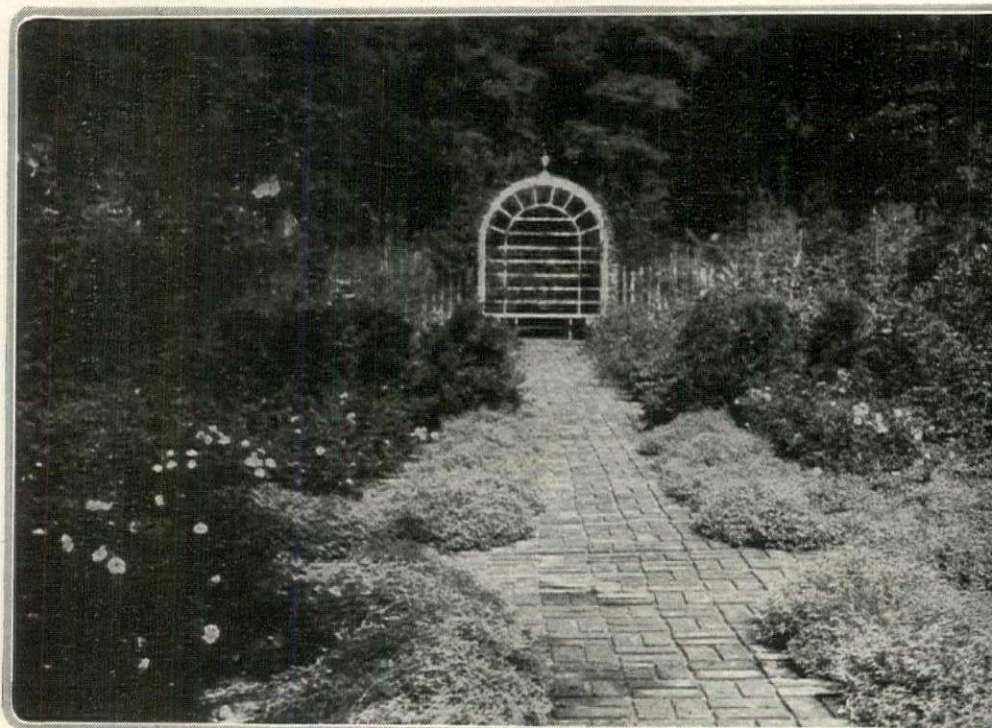
ENGAGING A LANDSCAPE ARCHITECT

ELSA REHMANN

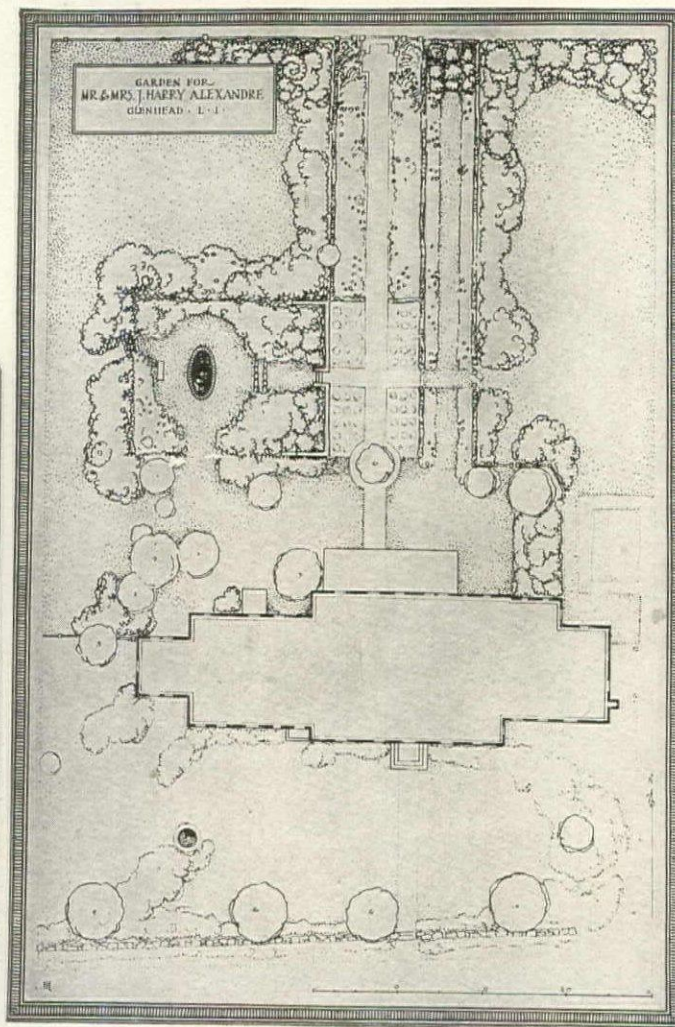
THE very first thing to do in engaging a landscape architect is to arrange for a visit with him—or her—on the grounds. For this visit you pay a certain fixed fee. It is not possible to say just how much this charge will be, as it varies with the reputation of the landscape architect and with the kind of work he is engaged to do. As the work of the landscape architect is extremely varied—ranging from the design of the smallest backyard garden to the development of whole estates and parks and university grounds, streets, residential communities and whole towns and cities—let us suppose, purely for simplification, that you are only asking the landscape architect to design a garden for you.

This first visit of the landscape architect is the most important one that he will pay—and if he is a very busy man he may not pay another until the work is far toward completion, as his assistants will carry out his ideas. This first visit, then, is important because it is at this time that he will have to form a very definite idea of the problem at hand. You have no idea how many little things, and how many big ones, have to be noted on this visit. The lay of the land, the situation of the house, the kind and position of the trees, the style of the house, the arrangement of the rooms, the kind of views and vistas that are possible from the various windows, and many another matter like these must be noted, for they will determine in a large measure what kind of a garden it will be possible to design for you. In other words, if the landscape architect does not fit your garden into the spirit of the house

(Continued on page 78)

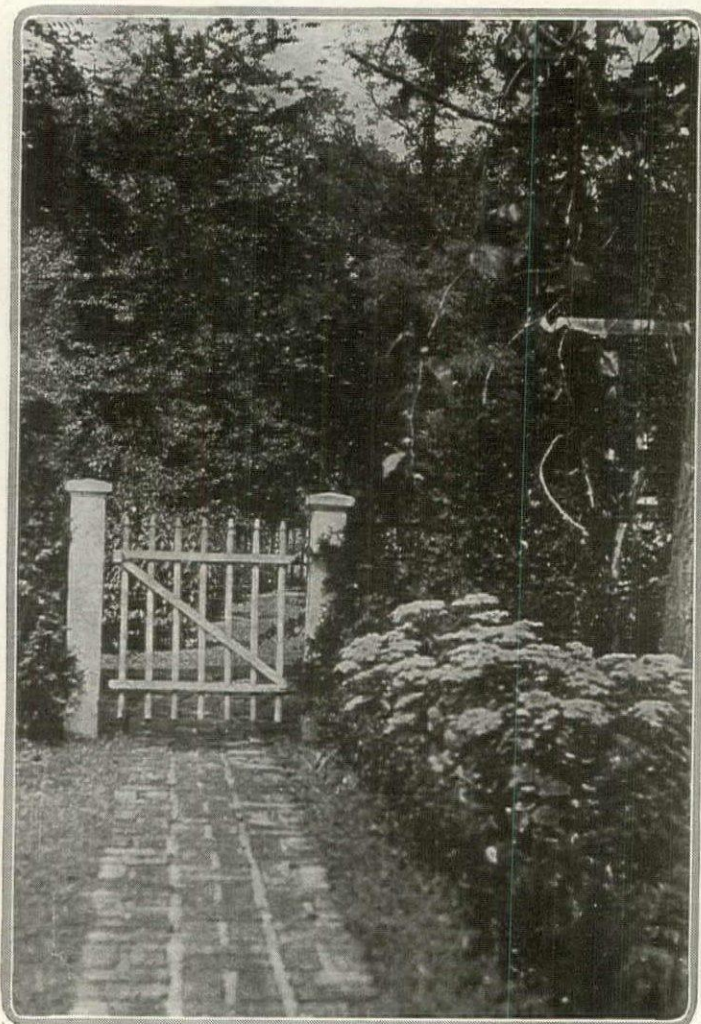


This is one of the ends of the main path, as indicated in the first plan for the garden of Mr. and Mrs. J. H. Alexandre, Glenhead, L. I.



At the first visit the landscape architect studies the lay of the land, the situation of the house, the kind and position of trees, and evolves the outline scheme for the entire garden. The example here is the work of Mr. C. Coffin

The landscape architect not alone visualizes the design and color of the new garden but studies the possible vistas and the approaches to them so that whatever way one looks, the garden makes a picture. This is a sedum planting by the gate





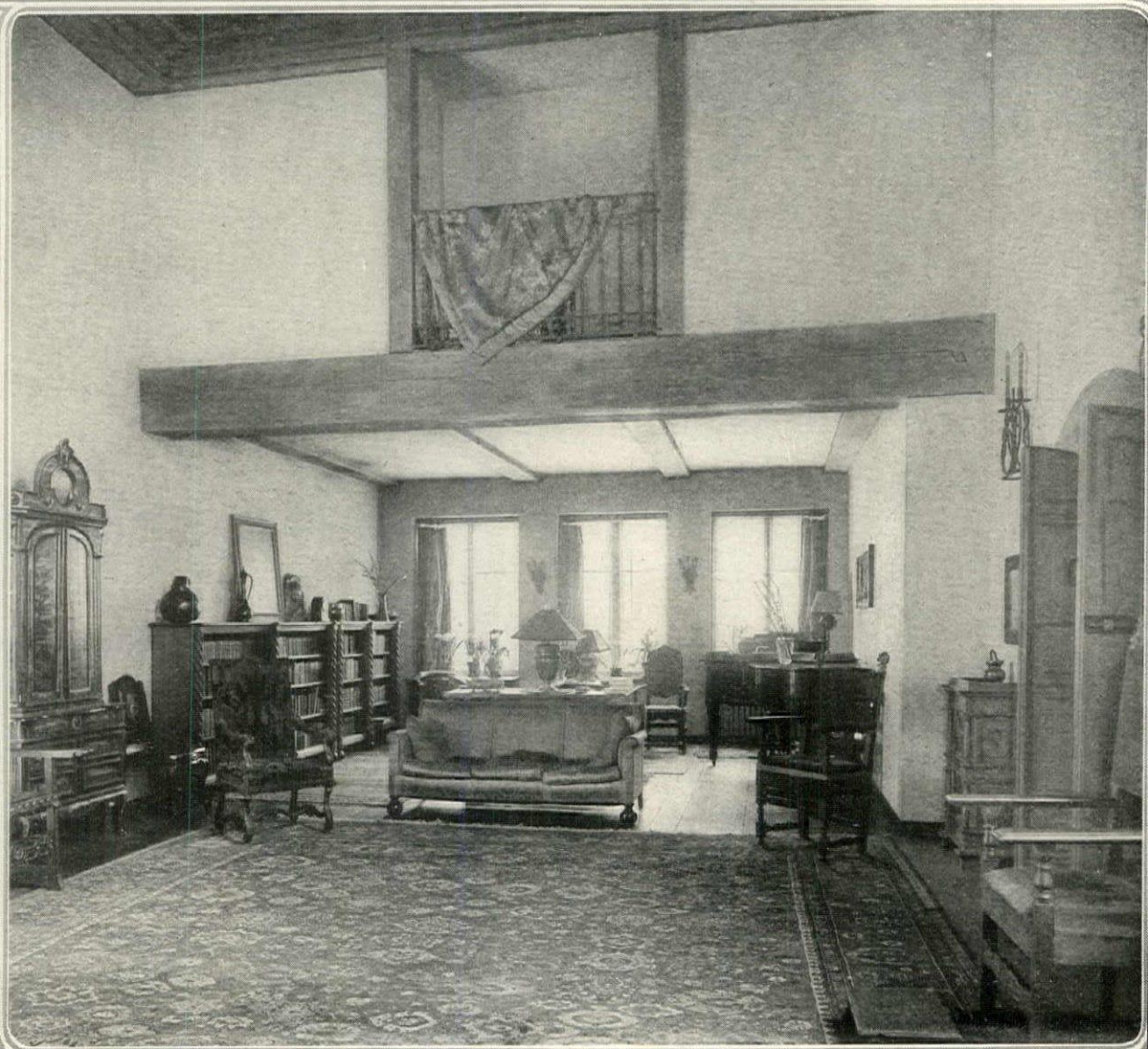
A LITTLE PORTFOLIO OF GOOD INTERIORS

The Little Portfolio this month is devoted to interior views of the Boston residence of Mr. Harris Livermore and the first illustration shows the fireplace end of the Italian living-room. This half is two stories high with a beamed and coffered ceiling finished in greens, grays and vermillion.

The tone of the rug is dark red and of the tapestry green. The walls are rough cast and the mantel a simple design executed in gray stone. Italian walnut furniture with brocade and velvet coverings finds a distinguished environment here. Richardson, Barott & Richardson, architects



The walls and ceiling of the entrance hall have an old Italian plaster finish in characteristic pink. This Italian atmosphere is further developed by the stone floor, the fireplace with its plaster hood, the wrought iron grill and lighting fixtures, the old Venetian chest and the chair in crimson brocette



The opposite end of the Italian living room shown on page 41 reveals the wrought iron balcony and the exposed timbers of the second story. Broad oak boards pegged in place make the floor. The furniture at this end is grouped with a pleasant regard for comfort and utility—couch, long table, chairs and piano

In the dining room the floor is of blue tile and the walls and ceiling rough plaster in tones of light orange and yellow orange. The furniture, which is Italian walnut, is finished in leather and red brocatelle. Fixtures are wrought iron. In the alcove on the higher level beyond is the children's dining room



Antique gray oak has been used for the library woodwork and broad oak for the floor. The walls are cream rough plaster. At the windows the curtains are rose brocatelle. A gray stone mantel accents the fireplace and lends dignity to the shelves. The low pointed door to the right leads into the living room

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' high, and if

ered as soon as fully opened, fluff
tiny pompoms which give airiness
masses of heavier bloom. They com-
well with the seed spikes of dock
sheep sorrel. Eupatorium may also
used effectively in the home garden
re one wishes a note of white.

Moth Mullein

dainty little wayside weed variously
nd pernicious or beautiful according
ne's viewpoint and called a "favorite
vine" by John Burroughs is the moth
lein of fields and roadway. Grow-
but a few feet high it is recognized
arly summer by its slender stem of
ow flowers in a loose raceme, which
becomes a spray of dainty brown
s. A low dish of dull orange pottery
a loose arrangement of small wild
ce leaves interspersed with several



Laurel and pine branches have been set in majolica jars on this Italian mantel, making a perfect winter bouquet. Walker & Gillette, architects



Bayberry has never lost its charm as a winter decoration, its crooked, grayish brown stems and white berries holding their color

One of the most beautifully fruited vines is the carrion-flower. Collected after a frost it loses its offensive odor. The berries are blue black

stem of milk weed with its open pod veiled in silk, a stem of honesty and a single blade of grass with its heavy head of golden brown seeds. Butterfly weed, also a milk weed, has small slender pointed pods fine in combination with misty white baby's breath which dries well.

Wild Indigo and Teazel

On many a roadside may be seen in June flat masses of clover-like foliage sending up stems several feet high along which hang delicate cream-tinted pea-like blossoms. This is baptisia or wild indigo, so called because indigo, of a poor quality, is obtained from it. A member of the pulse family, the plant has a curious habit of turning black as it withers. The wise collector of winter bouquet
(Continued on page 60)



The globe thistle dates back to Colonial gardens. Its metallic blue flowers, gray stems and foliage make a pleasant scheme



ROSES PLANTED IN THE FALL

October and Early November Are Not Too Late For Hybrid Teas and Many Others that Are Better for Being Set Out in Autumn

J. HORACE McFARLAND

Editor of The American Rose Annual

THIS year of 1920 has been one of unusual rose prosperity in the eastern United States. The cool, moist spring built up good foliage and strong twigs from which arose lovely flowers, in the case of the bush roses, and the climbers fairly jumped in growth and bloom. The colors were more brilliant than usual, it seemed to me, and the display one to be either proud or envious of, as one owned or only gazed at the healthy, wholesome plants.

Undoubtedly many who were mildly envious of roses seen would now move over into the pride of possession if the suggestion came at the right time. As the rose display ends and the growing year closes, rose planting does not suggest itself; wherefore, believing that fall is the right time for much of the rose planting America needs, I here provide the suggestion.

Probably ninety per cent of the outdoor roses are planted late in the spring, and of that ninety per cent a very considerable proportion in consequence loses speed, prosperity, and even life.

Cause of Failure

There is a good reason for the failure of late spring planting of roses, in the fact that rose roots begin action very early, are happy in cool and moist soil, and resent disturbance after they have sent forth the delicate, almost invisible "root hairs" which do the wondrous work of transmuting dull soil into exquisitely alive rose petals.

I have advanced the theory that there is a "critical date" in spring rose planting, after which the plants are very seriously handicapped for the current season at least, if not for all their life. This is not the place to argue in support of that theory, but it is the place to urge that there is no critical spring date for roses carefully planted in the active and comfortable soil of fall.

Hybrid Teas

"But won't they freeze?" someone inquires. Answering for the Hybrid Tea class, the nearest we have in the north to constant blooming, or continually recurrent blooming roses,



The pink flowering climber, Mrs. F. W. Flight, produces a mass of lovely colored blooms that remain beautiful for several weeks. The effect is especially good when used to form a low hedge or division fence



At the sunny corner of the house, back of rhododendrons or other low shrubs, a glorified wild rose, single-flowered type of climber will be very effective. Suitable varieties are Hiawatha, American Pillar or Leachster. If there is abundant room, Paradise, Evangeline or Milky Way. The foliage will remain good all summer

I would say, "Not more, probably than if they had been planted the previous spring." If carefully and promptly transferred from nursery to the well-prepared soil some time during October or early November, and if reasonably back or pruned, their chance of surviving an ordinary winter with suitable protection in the latitude of New York, and north, is good.

No close and accurate observations have been reported, but it is reason to believe that roses planted in the fall make some growth before spring, and they are obviously ready to make the early and best start for bloom prospects in the spring.

The Hybrid Perpetual roses, which are certainly hybrids and as certainly not at all perpetual to bloom—are much more hardy the winter, and consequently there is even more reason for planting them in the warm and kindly soil of October.

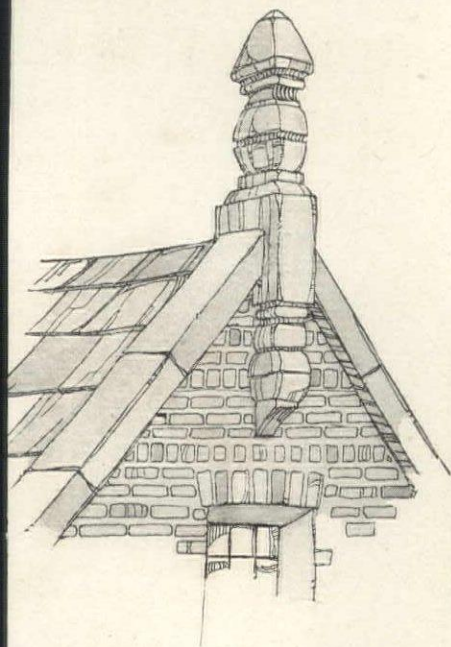
The splendid hardy climbing roses of the newer types, including the Multiflora class as represented by the Crimson Rambler, and the Wichuraiana class of which Snow Moon is a good example, do much better when planted in the fall. These protection is desirable only in the more arctic portions of the American climatic range from the tropics to North Pole contiguous.

Near Chicago, for example, they require protection every winter; a good friend Egan of Highland Park covers them with earth and boards, to make sure.

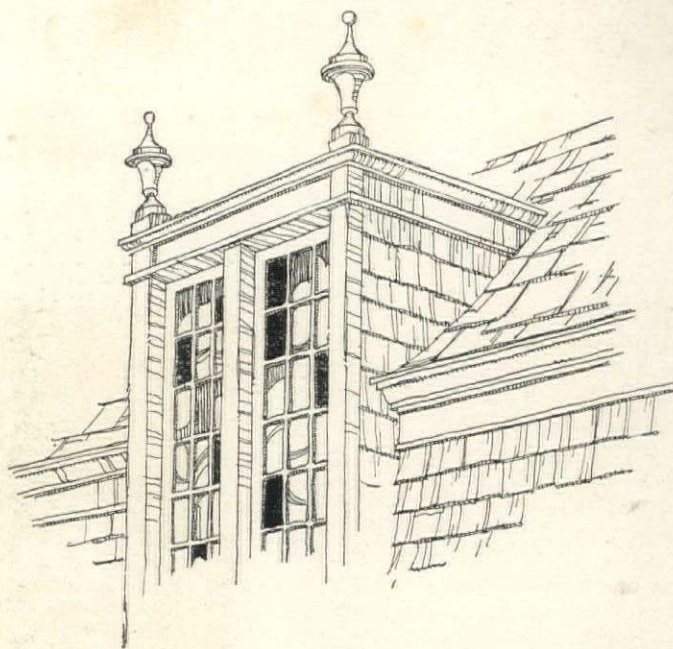
Rugosa Hybrids

Rugosas and the rugosa hybrids are seemingly immune to the assaults of Jack Frost and American legions, they also are better wintered fall planted, being early to start and earliest to bloom, save the wonderful Hugonis and its hybrids, likewise hardy, not likewise in full commerce as yet. (Garden rose advances are in sight, when some of Van Fleet's wonderful and rugged hybrids, tended to take a place in the shrubbery with the lilacs.)

(Continued on page



Finials are found both indoors and out, on furniture, in gardens, on buildings. The example to the right is a square-headed dormer window which suggests the use of finials in exterior woodwork



This type of stone finial is often found in houses of the Holland Dutch type and is generally used with brick-work. Jacobean or English Renaissance stone finials were of the same character

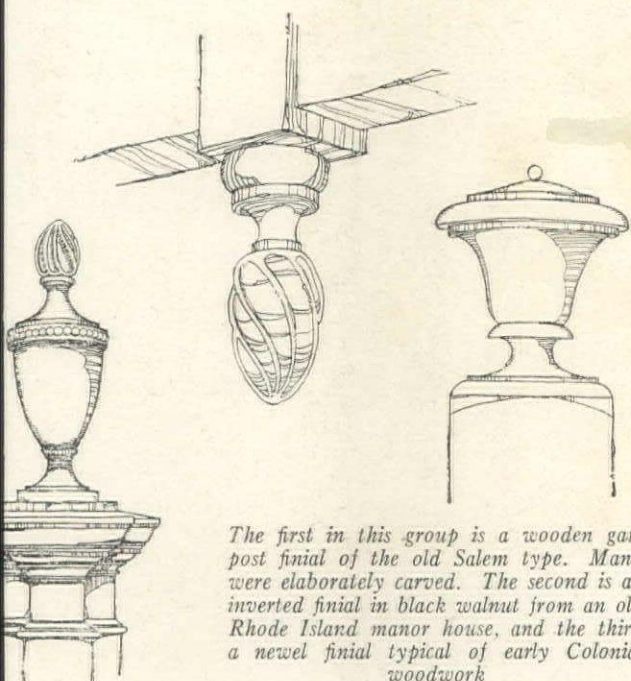
Finials are especially at home on the top of gate posts, whether the material be stone, wood or stucco. Stone finials very frequently appear as the finish of brick gate posts and pillars

THE USE of FINIALS

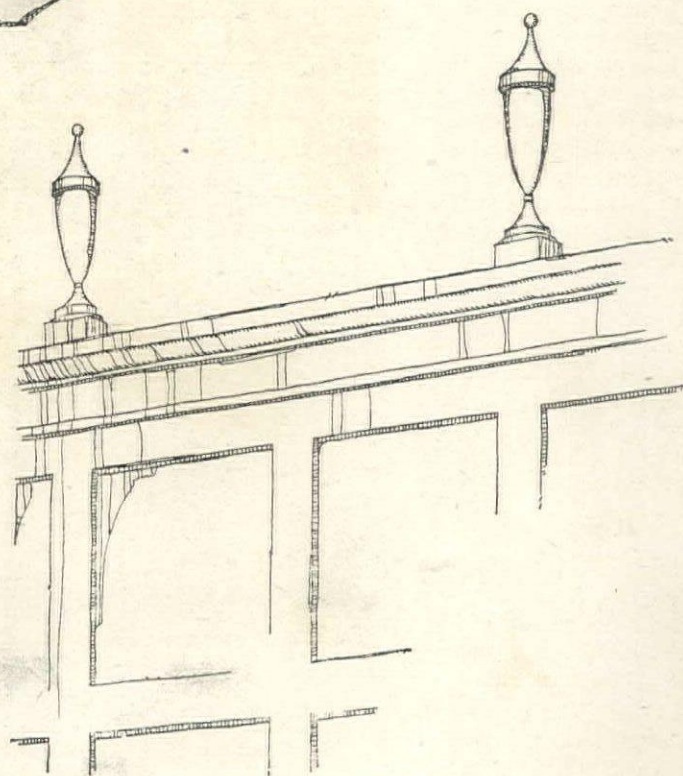
Decorative Detail in
d, Stone or Metal



The monotony of a long line of paneling can be effectively broken by placing finials at intervals. They also appear as embellishments on tall clocks, highboys and cabinets of Colonial design



The first in this group is a wooden gate post finial of the old Salem type. Many were elaborately carved. The second is an inverted finial in black walnut from an old Rhode Island manor house, and the third a newel finial typical of early Colonial woodwork



THE SMALL FORMAL HOUSE

Bramble Haw at Carshalton in Surrey Illustrates a Formal Design by The Brothers Adam That is Adequate for Complete Living

HAROLD DONALDSON EBERLEIN

A NOTION seems to be more or less prevalent that formality in domestic architecture is somehow incompatible with smallness. That it is not true may readily be seen from Bramble Haw, at Carshalton in Surrey.

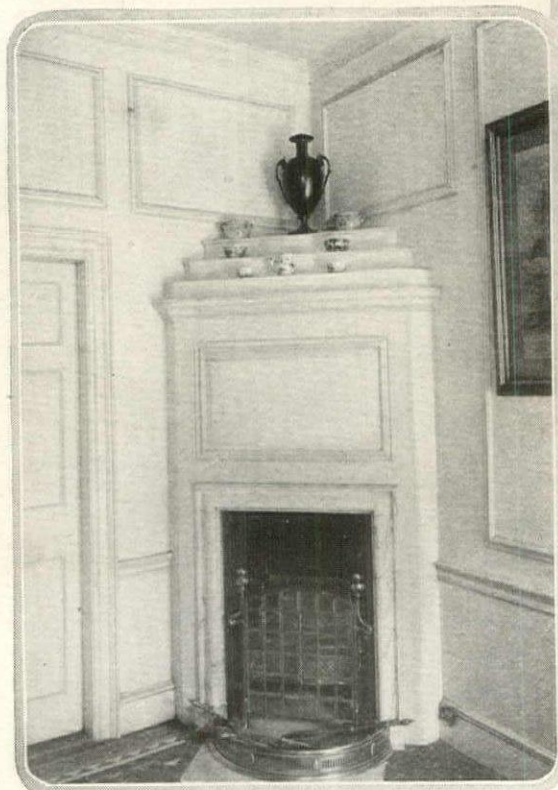
Bramble Haw was designed by the Brothers Adam and built in 1792, the year of Robert Adam's death. The gray, close-grained stone used for the walls came from the old London Bridge and was fetched down to Carshalton to be fresh dressed and utilized in the fabric of this thoroughly characteristic bit of late 18th Century urbanity in architecture. The house as originally planned was an almost perfect cube. It has, however, suffered one defacement, added twenty-five years ago, in the shape of a lateral slice of structure tacked on to the ground floor at the north side. Seen from the east, north, and northwest, this excrescence sadly mars the symmetry of the composition and, to heap insult upon injury, it serves no particularly valuable purpose. One cannot but regret that the



The pillars, cornice and over-door panel are as the original architects left them, the other panels being of later design



The woodwork of the hall shows a pleasing disposition of the panels and excellent details in moldings that warrant study



It is a well-established old English usage to set the fireplace in the corner. The surround is of veined marble and the over-mantel a wood panel in scale with the panels of the walls

Although the glazed doors to the library bookshelf are modern, the cupboards beneath and chair rail are in the original condition, and worth noting for their simplicity and refinement



addition was even made and it is best to think of the house and to visualize its original and wholly symmetrical form.

Apart from the satisfying and distinguishing lines of mass, with its balance of solids and voids, each detail of Bramble Haw bears and also reveals the closest scrutiny. The molding at the top of the base of the column and the molding of the frieze and cornice while quite sufficient to impress the eye, carry the conviction of just proportion, instinct with refinement and delicacy with strength in an exceptionally agreeable manner. The sun-ray round set at intervals in the fluted frieze, and the gray terra cotta molding the color of the stone.

The only other feature to break the severe simplicity of the interior is the portico at the house door. A chaste Classic enrichment is concentrated there. What appears to be a fan-light above the door in reality contains no glass at all, but is a circular expanse of plaster painted white.



The severe simplicity of the front façade is broken by a classical portico with a white plaster fan device over the door

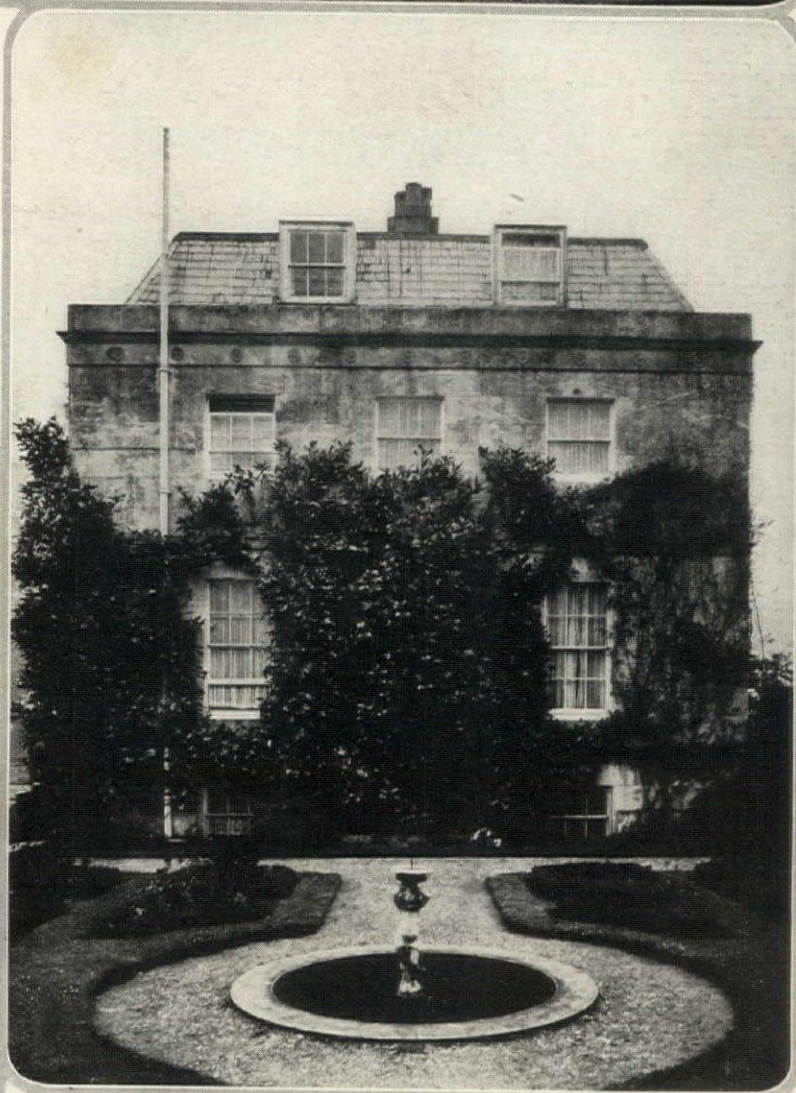
background to display the delicate lead
ery set against it. Its function is purely
amental and inside there is no sugges-
n of the exterior treatment.

Bramble Haw inside fulfills the promise
the exterior. The woodwork of the hall
especially felicitous in the disposition of
panels and in the detail of the moldings,
le the fireplace with its veined marble
round, set in the corner according to a
l-established old English usage, is the
wing gem of the composition.

n the library the glazed doors to the
kshelves are of modern addition but the
s of the cupboards beneath, which are
their original condition, are worth noting
their simplicity and refinement. In the
wing-room, at the back, the pillars, cor-
e, and overdoor panel are as the Adelphi
igned them, but the large wall panels
a medallions, swags and drops are of
same date as the addition of the exterior
rescence previously alluded to. At that
e also the exquisite little dining room
spoiled by lengthening it by covering
walls with heavy William and Mary
eling in oak, and by a new ceiling of

(Continued on page 58)

The house is a thoroughly characteristic bit of the late 18th Century urbanity in architecture. As originally planned, it was an almost perfect cube. The stone for the walls is said to have come from the old London bridge



A gateway in architectural harmony with the house dignifies the entrance to the grounds. Its classical, white painted posts stand in striking contrast with the foliage beyond. A wall completes the enclosure

The severity of each façade is broken by base courses and well-proportioned molding, and up under the cornice the fluted frieze is broken at intervals by gray terra cotta roundels matching the color of the stone



BEAUTY AND THE BATHROOM

The Latest Equipment Gives the Bath Less of the Laboratory Air and More the Atmosphere of a Comfortable Boudoir

ETHEL R. PEYSER

PROBABLY no development of the home has mirrored human accomplishment to such an extent as has the bathroom. We have prided ourselves on our sanitary bathrooms; on the devices for comfort and idyllic perfection in this, the smallest, yet the most important room in the home. We have developed it to such a point that in new homes everyone has a bathroom to himself with comfortable additions to fit the individual whim.

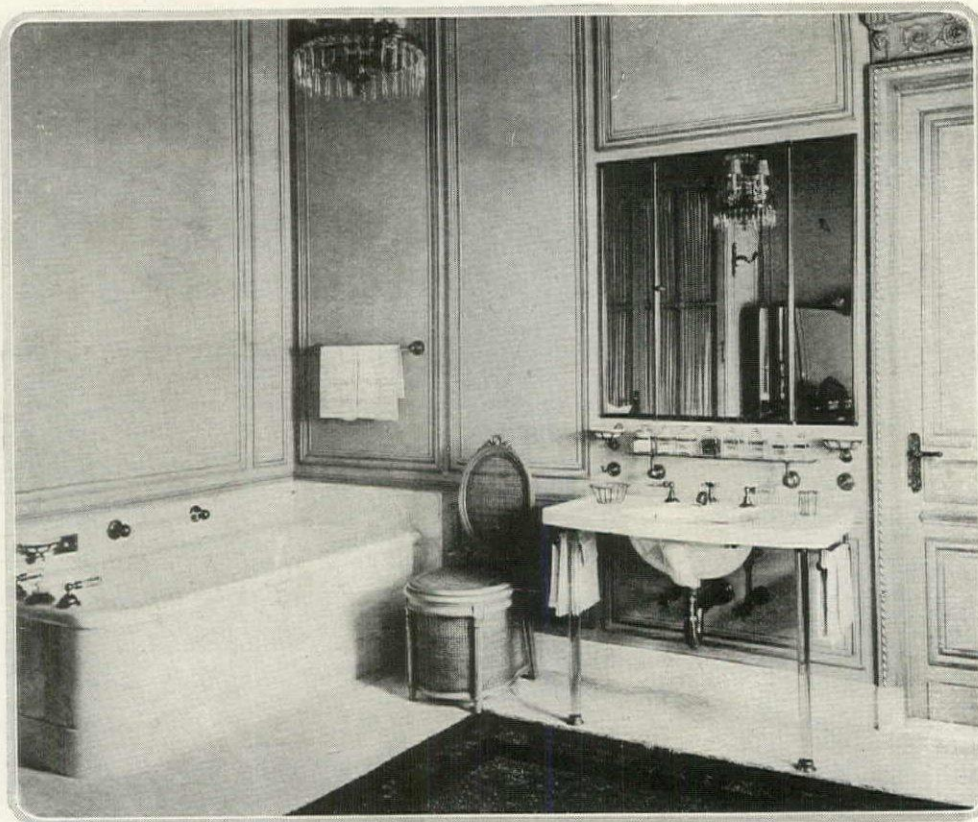
For a few decades this room has been a replica of hospital efficiency and that has sufficed. But today, the artist in home-making is bringing the bathroom back to the luxury and ease seen in the boudoirs of ancient days, the days from which we take our beautiful drawing rooms, chambers and general schemes of decoration.

This reversion toward bathroom luxury has come about because the ordinary bathroom has been too cold. It lacked warmth, well-being and coziness. Then, too, bathrooms are always the smallest rooms in the home, and for that reason can be more easily dressed in glorious sheen and kept in harmony with the color scheme and general plan of the home.

A French Bath

A few years ago no one would have thought of having wood panels in the bathroom—we proudly felt that we had gone beyond that stage. Yet today in the elaborate combined dressing-bathrooms we find white wood panels giving a feeling of warmth, together with almost as rich an effect as when marble itself is used.

The French bathroom shown on this



While it is none the less a bathroom, while it lacks nothing that makes for complete sanitation, the element of beauty has also entered into the finish of this French bath. The walls are paneled in wood, the metal work is gold, the toilet is camouflaged and the lavatory is spacious



In the other side of this bathroom is the boudoir equipment—a wardrobe with carved panels of glass and wood and a generous dressing table placed in excellent light. A crystal chandelier, large mirrors and the light tone of the woodwork make this a real creation in bath equipment

page is as carefully designed as any room in the house, even more so, for here both utility and beauty are achieved together. Take, for example, the closet space. Here an ugly necessity is beautifully camouflaged to fit in with the entire scheme of the dressing room, and gives no jar to the inhabitant who must, forsooth, spend many hours of careful toiling making in this superb room. The fixtures here are gold of lovely design, the woodwork is keeping. The floor is of large tile and spread with rugs to add warmth and the room is lit, not only by regular bathroom fixtures, but also by a crystal center chandelier.

Some bathrooms even have a corner for a bathtub which transforms it into a chamber longue.

In modern bathrooms in luxurious homes have a reincarnation of the art of Benvenuto Cellini in the wrought metal work. This is made to harmonize with the general style of the room in which it is placed, although expensive, it is easy to take care of. Besides, when one is really making a bathroom, what does it matter if it goes into thousands when other rooms go into tens of thousands?

Usually only one or two bathrooms—the master's and the mistress's—reach the height of gorgeousness. The others, however, conform pretty well to the highly convenient and thoroughly delightful rooms in the rest of the house.

The Equipment

An interesting development, too, is the shape of the bathtub—the departure from the rectangular. So



The bathroom in the New York home of Judge Gary has marble panels and gold trimmings on the glass hand rails

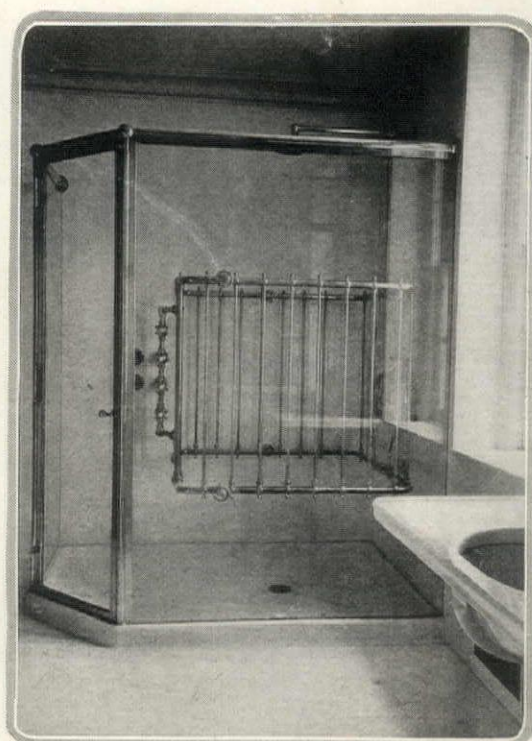
cult and quite complicated to put in plumbing installation after the house is well advanced. There is nothing quite so important to the successful builder as the early consideration of pipe requirements. The plumber is equipped with the sanitary code, which, of course, the architect knows too, and any householder can get one to read and digest. However, with a licensed plumber, a good architect and a faithful builder, this is unnecessary.

The Bathtub

The most interesting fixture in the bathroom, to Americans and Britons, at least, is the bathtub. Aside from the kitchen stove, this is the nucleus about which our content is generated. Civilization has been kind enough



A bathroom in the residence of Mr. Felix Warburg shows an ideal shower arrangement for the shower



In the home of the late Theodore N. Vail, Morristown, N. J., one of the bathrooms is equipped with this shower

es it is octagonal, with a radiating tiled floor the various functioning fixtures in the far prs. One room which we have investigated in one corner a sunken marble tub and in center the radiator. The gold work in this n is beautiful, but practical, of a design that s plumbing into the arts.

he thoroughly equipped woman's bathroom t have the usual tub, showers, lavatory, ercloset seat, a closet or two in the walls, a e, towel racks, brackets for soap and sponge, ks for hanging things, scales, rugs, a chair ool, toilet paper receptacle, mirrors and til- for floors and wall.

n the men's bathrooms is added the bidet,

etimes a shaving r and other shaving ssities such as a spe- lamp for fine work. both these rooms can dded various things, e or less necessary rding to different le's taste, such as sitz bath, which is rious for bathing the after a hard walk or me of golf.

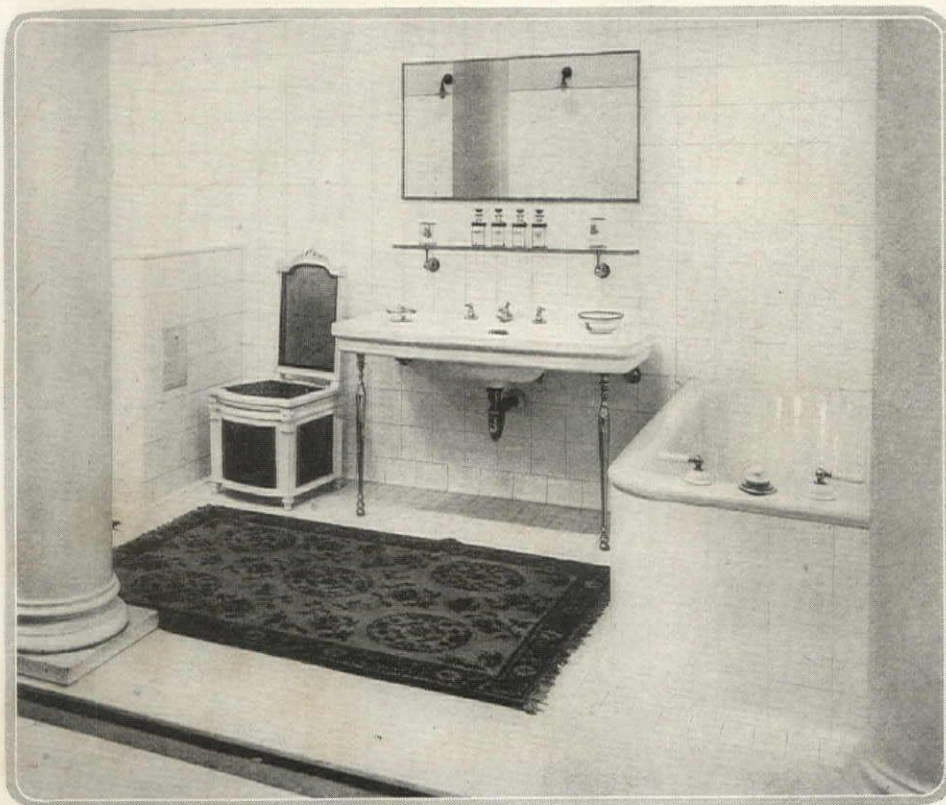
his article in no way ds to be a plumbing le. All it means to s to tell the reader t there is new in the lopment of the bath- n and leave the choice im. In a recent is- HOUSE & GARDEN up plumbing very fully and all we need ll you here is to buy fixtures at the best ible shop and then the best plumber ob- able to install them. installation of all plumbing work ld be in the begin- , in the plans of the itect, for it is diffi-

to leave us two generally used types of bathtubs—the solid porcelain and the enamel over iron (enamel lined or porcelain over iron) tub. The tin tub has gone out, the glass tub is too perilous, and the porcelain or porcelain lined proves about the most satisfactory when we can't have marble or old Italian basins for our bathing.

Recent advances in methods of manufacture and design have made the choice between solid porcelain or enamel iron baths a matter of personal liking as influenced by their fitness for positions assigned to them in a room. On account of the losses sustained for the manufacture of clay products, selected grades of porcelain baths are of necessity higher in cost than

the porcelain lined or enameled iron. The porcelain bath is fine in appearance, but it is not reasonable to expect the same perfection in shape and uniformity of glaze. This is due to the difference in methods of manufacture, and allowance should be made for the irregularities occasioned by the baking of glazed clay products. In the past when English porcelain baths were being imported it was perhaps considered distinction to have a solid porcelain bath. With the present extensive manufacture of these products in this country, this condition has, of course, changed. The porcelain lined bath is preferred by some on account of its requiring less hot water to hold the desired temperature. Against this is the fact that cheap porcelain lined baths should be avoided.

(Continued on page 72)



Tiled walls and floors are prime essentials in the modern bathroom. The tub is built in, the rails and shelves are of heavy glass and the toilet seat is beautifully camouflaged to fit in with the scheme. The illustrations of these two pages are by courtesy of Meyer & Sniffen

PLANNING THE MODERN LAUNDRY

*A Scheme for the Complete Washing, Drying and Ironing Equipment Together
With Suggestions for Laundry Construction*

VERNA COOK SALOMONSKY

MONDAY'S operation naturally starts with the clothes chute and for this the use of a glazed terra cotta pipe of at least 15" diameter is recommended, although plaster on metal lath is often used, in spite of the difficulty of successfully plastering the inside of a chute. A great convenience results from the provision of doors in the kitchen and bathroom above so that linen from either floor can be thrown directly into the hamper in the laundry below. These doors should be of the self-closing type as a prevention against fire and dust.

From the hamper the clothes are assorted and then placed in the electric washer which should be, if of the stationary type, alongside the laundry trays, or, if movable and provided with a swinging wringer, so placed as to provide easiest manipulation of clothes from the washer, through the wringer and into the tubs. Good light and direct plumbing are factors in determining the position of both trays and washer.

Washing Machines

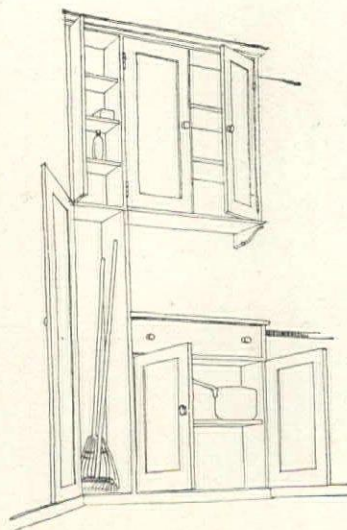
Of the numerous electrically-driven washing machines now obtainable we find some models with wood shells, some of cast iron, some of copper with all steel frames and even those for attachment on twin stationary tubs, and each working on a different principle. There is one type in particular which differs radically from the others, in that it operates on the vacuum or suction principle; the dirt is not expelled by a constant rubbing against cleated or corrugated surfaces but by forcing the water through the garments, which does not wear out the materials or injure delicate laces. This model is complete with an electric wringer which swings in any desired position and is also provided with a small gas heater attached to the underside of the machine to keep the water hot or to boil the clothes at the same time that they are being washed.

For whatever starching is necessary, water can be boiled on an electric stove kept during the week in the cabinets.

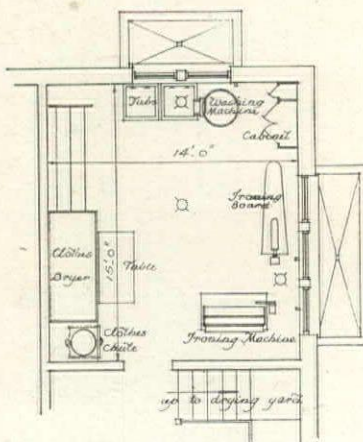
The clothes are now ready to be dried. Open air drying is, of course, always advisable but unfortunately not always possible and so the



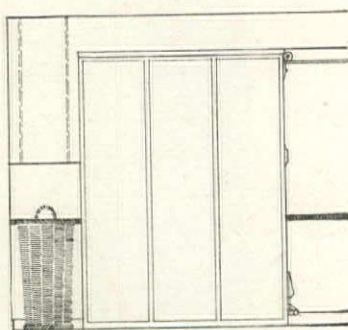
The electrically driven washing machine is the first essential piece of equipment in a modern laundry



Cabinets for supplies and accessories should be built into the laundry. Brooms may be kept here



This plan is devised to meet the requirements of an average family and the equipment is installed in positions that save time and steps



The clothes hamper stands below the chute. Close to it is the electric dryer with one of the sections pulled out ready for the clothes

thoroughly equipped laundry should have an artificial draft so as not to disrupt the household schedule. There are several types of dryers to be found in almost any size; however, a dryer containing less than ten compartments is hardly adequate for the average family. These dryers are heated either by gas, electricity or steam, and one type has a gas burner exposed in the room. This is a good feature in a laundry where a stove is desired, otherwise it is not to be advised, as the wasted heat tends to increase the temperature of the laundry.

Ironing Equipment

After drying, the next important step is ironing. The pieces which are ruffled cannot be ironed flat should

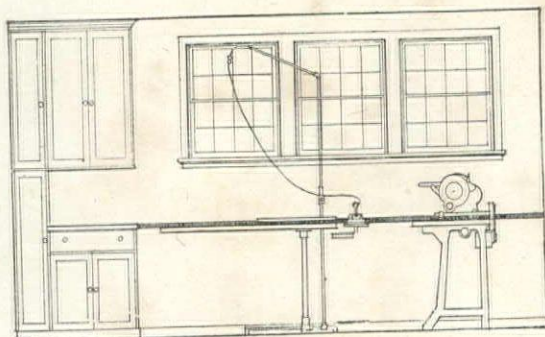
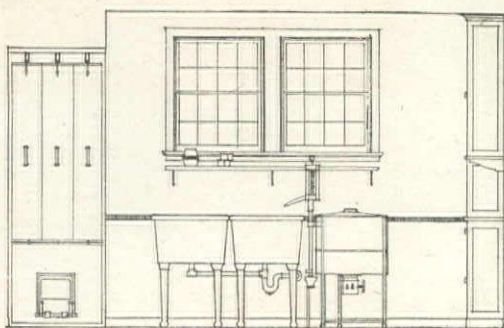
be put to one side for hand ironing. Everything else can be ironed by the ironing machine. This is operated by either gas, electricity, gasoline, and, where no mechanical power is available, by hand. So much has already been written on the intrinsic and labor economy of the electric ironer that a word here in recommendation seems superfluous.

A table should be rolled into a position convenient for the laying out of finished work. A sanitary and inexpensive table for the laundry is one with a composite top which does not crack from heat, and which is supported on a white metal or natural maple frame.

The ironing board with its electric or gas iron attachment should be provided for ironing of the more elaborate pieces, such as shirtwaists and summer dresses. To one end is added a pivoting sleeve board which can be pushed back when not in use. For those who prefer a separate iron, a stand equipped with main and sleeve boards only can be used, and, for the too compact laundry a portable folding ironing board should be used, which, when not in use, can be folded up against the wall. In some communities electric power for operating these machines can be obtained from the commercial rather than the domestic supply. The machines should all be on separate circuits so as to avoid fuse blow-outs when two or more machines are working simultaneously.

(Continued on page 72)

The clothes pass from the tubs to the washing machine and are then placed in the dryer at the left



Two kinds of ironing machines provided — a roller for flat ironing and a hand iron for the other

COMFORTABLE CHAIRS AND TABLES

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has a rush seat. It is
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cushion covered in black
and silver Italian damask,
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walnut finish, decorated
with gold lines and has a
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An easy chair covered in soft green satin with a
purple satin stripe on the side. It is \$175. In
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Another version of the Windsor chair
is this small, graceful side chair in
mahogany that can be used in a
variety of places. \$23.50

Polly With a Past chair in apple green satin with
mauve cordings, \$80. In muslin, \$60. The painted
sewing table is apple green with flower decorations
and a sliding pocket of changeable taffeta. \$38

ORDER BELOW THE STAIR

The Basement is the Latest Section of the House to Which the Wise Householder Turns Her Attention

WALLACE B. HART

IN order to meet the servantless and costly living of this era it is essential that every part of the house contributes its share of delight, convenience and efficiency. Especially is this true of the small house where space is at a premium. It is to the credit of American architects and manufacturers that a gradual improvement is being made all along this line. The attic, for example, is no longer merely a store room; it has been remodeled and finished as a guest room, a nursery, a quiet library for the busy man or a dormitory for the boys of the family. The bathroom also shows an amazing development and today is giving a maximum of sanitary comfort.

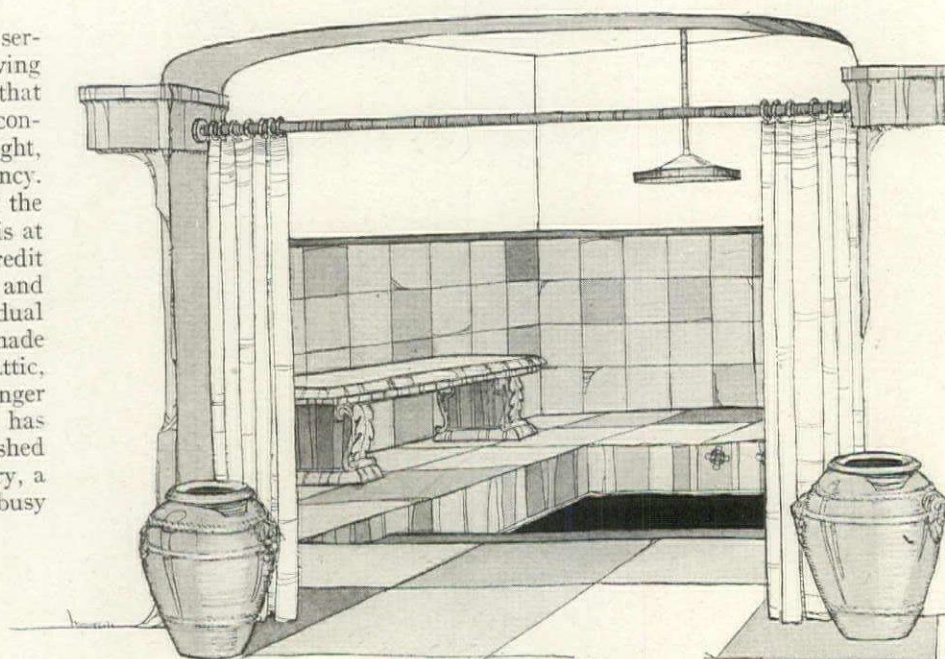
Where space is limited the dining room has been eliminated, making a large living room possible. There remains one more section of the house to be improved, and the attention of up-to-date householders is being directed to it now—the cellar.

The possibilities of most cellars are either not appreciated or not developed. Cleanliness and order, prime essentials in themselves, will not meet all the requirements. To make his cellar one hundred per cent efficient, the householder must study its shape and size and its relation to the rest of the house. He must find what equipment can reasonably go into his cellar, how much space can be devoted to it and how best it can be arranged.

The Equipment

There should be space for the following: the heater with its coal and wood supply, a laundry, a storage room for trunks and a preserve closet which will also afford room for extra supplies of canned goods, soaps, etc. A wine vault and an entertainment room, as suggested in the illustration, will depend upon the taste and good fortune of the owner. So will the swimming pool and the work bench. Such further equipment as a built-in incinerator for garbage, a vacuum cleaner and an ice machine should also find a place down here. Before installing these improvements, the cellar should be divided into rooms with sealed partitions so that no dust or dirt can be conveyed from one to the other.

The heating plant should

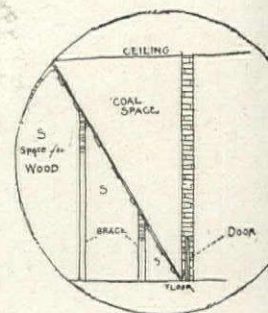
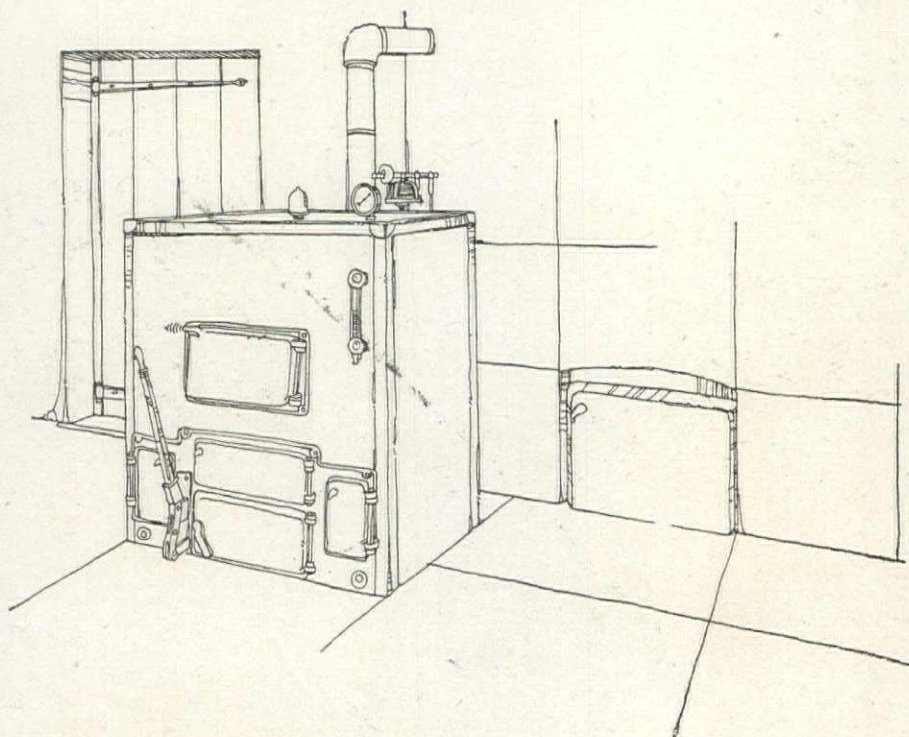


While a shower bath for the garden worker is an essential, it could be made very luxurious if installed in a small swimming pool. The finish and decoration of the pool will only be limited by the confines of the purse

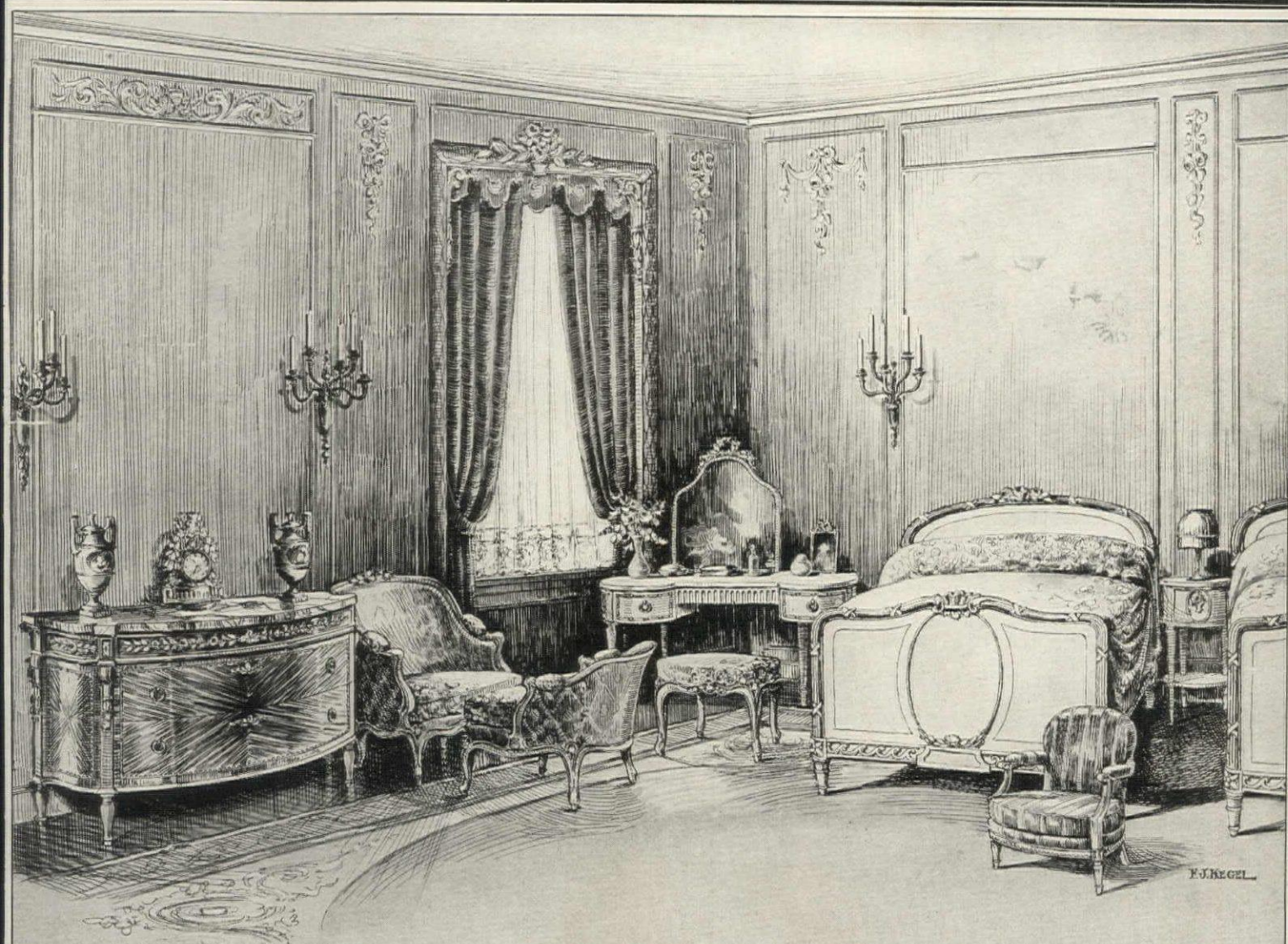
be fully enclosed in a room by itself. The coal or fuel should be kept in an adjoining room, conveniently located for easy handling. It may be possible to adopt the coal bunker system of ships—a hopper arrangement which permits the coal to slide down to a narrow door in proximity to the heater. The wood, as shown in the illustration, can be kept under the lee of the coal bunker and reached through a door close to the heater itself. The handling of ashes can be reduced to a simple matter if an overhead system for hauling the cans is installed. This track can be attached to the ceiling and run to the outside door. Or a

It is preferable that the workroom for handy-man be located in the basement, where he can make all the dirt and noise he pleases. A shoulder of the wall often furnishes adequate bench space. This also might be used for garden tools. A little ingenuity in taking advantage of odd corners and unusual construction will afford plenty of opportunity for every kind of development.

That there should be some water connection in the cellar is a fundamental. It will be needed for washing down the walls and floor. A floor drain should be on the house side. If a shower bath is installed, the worker in the garden will appreciate it. The ultimate luxury would be a small pool, either of cement or tiles, set in the floor of the cellar. It could be finished as elaborately as the purse provides,



Adopting the coal bunker idea from ships, the coal slides down to a narrow door close to the heater and the wood is kept beneath in the remaining space



The Importance of Proper "Scale" in Furniture and Decoration

THE success of a room from the decorative view-point depends more upon the proper proportions of its appointments than upon the Period represented by the Furniture or the woods in which it is wrought—

Obviously, the graceful, slender-legged Furniture produced in France and England during the late XVIII Century is admirably adapted to the moderate size Chamber, while the sturdy oaken pieces of Jacobean days and the robust styles of the Italian Renaissance find congenial surroundings only in rooms of large dimensions.

Whatever your problem, its solution may be reached by a visit to these interesting Galleries—and at no prohibitive cost. Here, indeed, the extensive exhibits encompass every historic epoch, as well as adaptations of modern inspiration which find so charming a setting in the modest country house or town apartment.

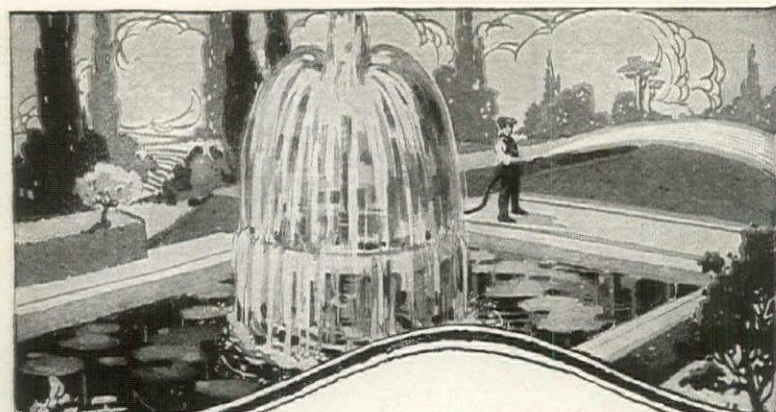
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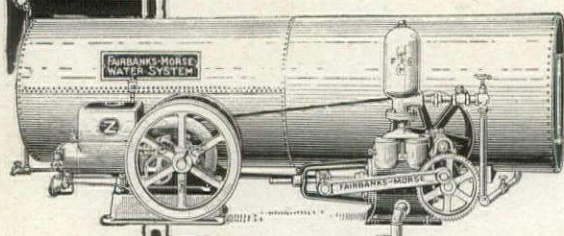
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The Small Formal House

(Continued from page 49)

heavily-detailed plasterwork, all quite out of keeping with the spirit of the house.

And now a word about the plan of the house and the principles embodied. The 18th Century, especially in its latter half, was a period when the whole Anglo-Saxon race seemed to be imbued with a sense of graceful line and just proportion. Witness even the simple furniture made by country cabinet-makers, and the houses wholly designed and built by country carpenters, both in England and America. It was a period when domestic life in all its several manifestations was distinguished by poise and balance and by a very practical sanity of judgment coupled with a due appreciation of all the small refinements that count. And the houses, in their fabric and plan, afforded a visible and enduring testimony to the mode of life lived within their walls. They were the shells unmistakably proclaiming the domestic and social ideals

that were maintained by the occupants. In that age of oftentimes small finished elegancies it was possible for a small family to live elegantly in a complete and self-contained life in a house that truly reflected the habits of its inmates. Such an house was Bramble Haw—sufficient kitchens, scullery, pantry and other offices in the well-lighted basement; on the ground floor a spacious hall and staircase, a convenient library, a drawing room and a sitting room of comfortable dimensions; on the upper floors the bed chambers, all, a few good rooms, adequate in number for the amenities of polite life, and all of them fully used. Here lies its lesson and its value for us.

Bramble Haw is a standing protest against negligé architecture and the lacy that smallness connotes a certain inevitable lack of distinction in plan and aspect, or that it is only in large houses that the legitimate elegancies of life may be duly observed.

The Rectangular Lot

(Continued from page 33)

shrubs of a semi-wild character—red cedars, flowering apples, red-twigged dogwood and wild roses. Placed as a focal point, a table and chairs of old hickory furniture overlook the softly modulated lawn surrounded by a frame of flowers in bold masses carefully balanced as to effect. These are early tulips, tall Darwins, oriental poppies, iris, peonies, foxgloves, larkspur, Japanese iris, phlox, and hardy asters. The narrow encircling walks of stepping stones have planted in their interstices forget-me-nots, arabis and dwarf pinks (*Dianthus deltoideus*) instead of the usual untidy grass.

The difficulty in developing this design is in having it look as informal as intended, because of the inveterate tendency of the handy man to shear all grass edges to a hard line. It will no doubt succeed better if given the personal attention of the owners.

The front is planted with a few shrubs against the house—*arborvitae*, *spirea*, and *cotoneaster*. The street hedge is of unclipped barberry, its straight lines relieved by flowering dogwood trees. In the rear is a drying yard and space for raspberries, strawberries, and a small hotbed. Two years ago, this place actually cost around \$500, including all grading, topsoil, manure, plants and

labor,—a reasonable figure for the time. The fifth house belonged to a family with an interesting idea. He lived in a suburb of New York in a subdivision of small lots (42' x 85') as yet untouched. First he annexed adjoining property (which incidentally was several feet lower) and developed it as a spring garden of flowering cherries, lilac, red-bud, and *sythia*. Then with his relatives bought another lot which was developed into a flower garden equally accessible to the three families. The entrances are so planned as to give access to the adjoining lots. The main walk, which leads from the spring garden, is terminated by a stone platform flanked by seats and arching dogwood trees. From this focal point, a wide view of the Hudson River is commanded. A shallow flight of steps leads down an oval turf panel, where evergreen and berried shrubs make a winter garden. A stone wall with artistic wrought-iron gate separates the garden from the street, yet does not cut off the view. From \$1000 to \$2000 should cover the cost of plants and accessories for the entire scheme. Shared by three families this does not seem so great when considered that one man can be a joint caretaker.

An English Garden in Spring

(Continued from page 34)

patch or two amid the rubbish heaps, and some evidence still remained of a farmer's wife who had liked her few flowers but had not been able to cope with the difficulties of the situation. Here, again, care was taken not to lessen the value of the picturesque but plain old building by detailed architectural effect. Terraces were laid out on the southern slope, but they were walled simply and with the local limestone. A good deal of pavement was used, and broad grass-ways, edged with borders and backed by yew hedges, were contrived. The steeper slope to the west, was made into a rock garden leading down to old fish ponds, where a good deal of water gardening was introduced. All this was taken out of a field and orchard, the trees of which were retained, and a matured effect was almost at once produced. The climate and the soil are good, and the whole of the gardens, as the illustrations will show,

are rich in floral effect. The simple old-fashioned aspect of the English country home of the past that had farmery attached and that drew a hard-and-fast division between its flower and vegetable gardens, has been sought for and obtained.

"The title of the house has descended from the days of the episcopal marchers, and it implies a certain grandeur in no way reflected by the place as it is today. It aims at being a quiet home where the simple life may be led."

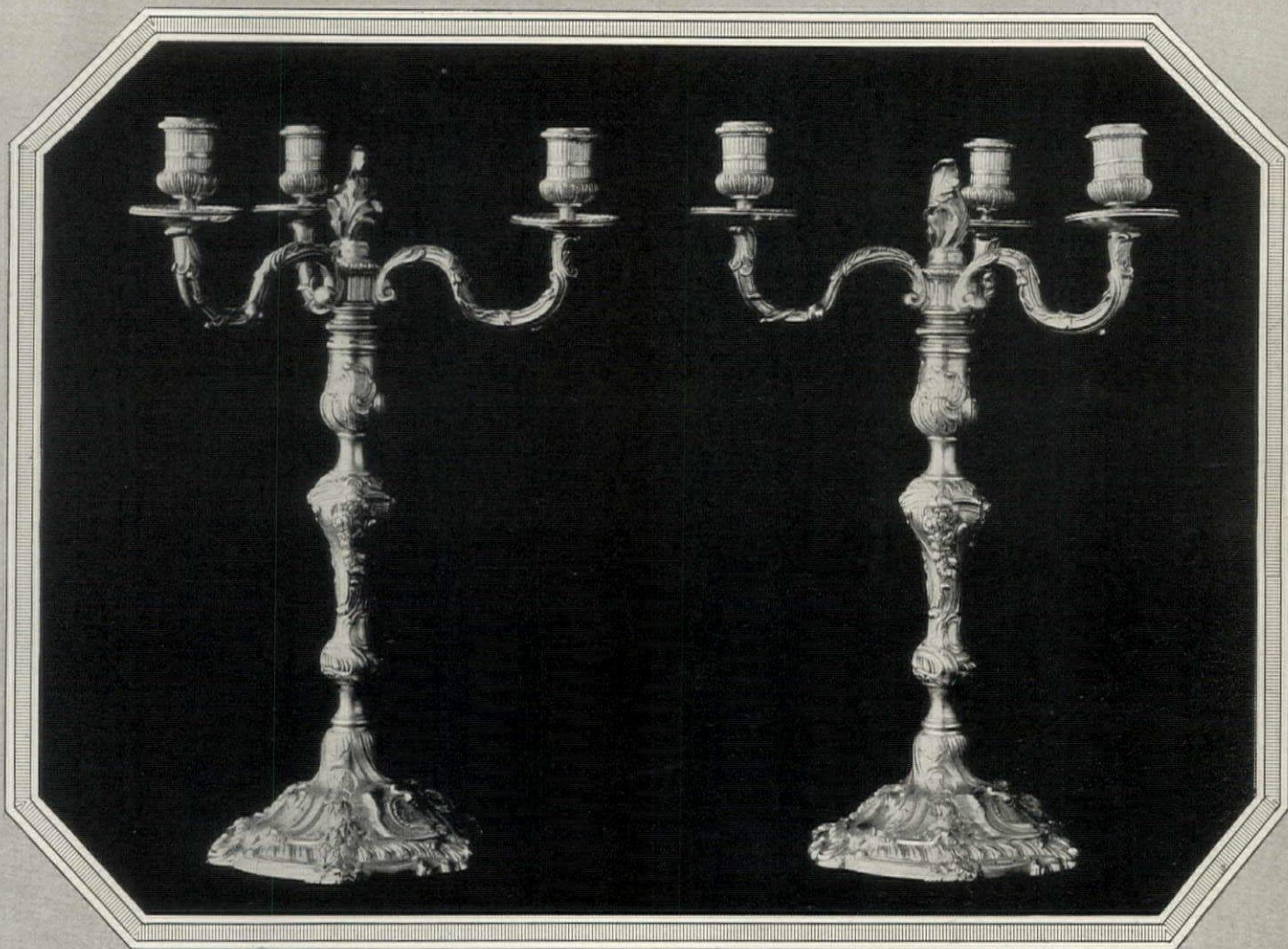
We have not, it is true, the rich backgrounds in buildings, for such gardens as these, but ours is a climate unsurpassed for spring gardening subjects in untold variety, not only fine native flora, but plants, shrubs, trees from the round world itself, we may, we do have, spring pictures unsurpassed. Such delicious dispositions

(Continued on page 60)



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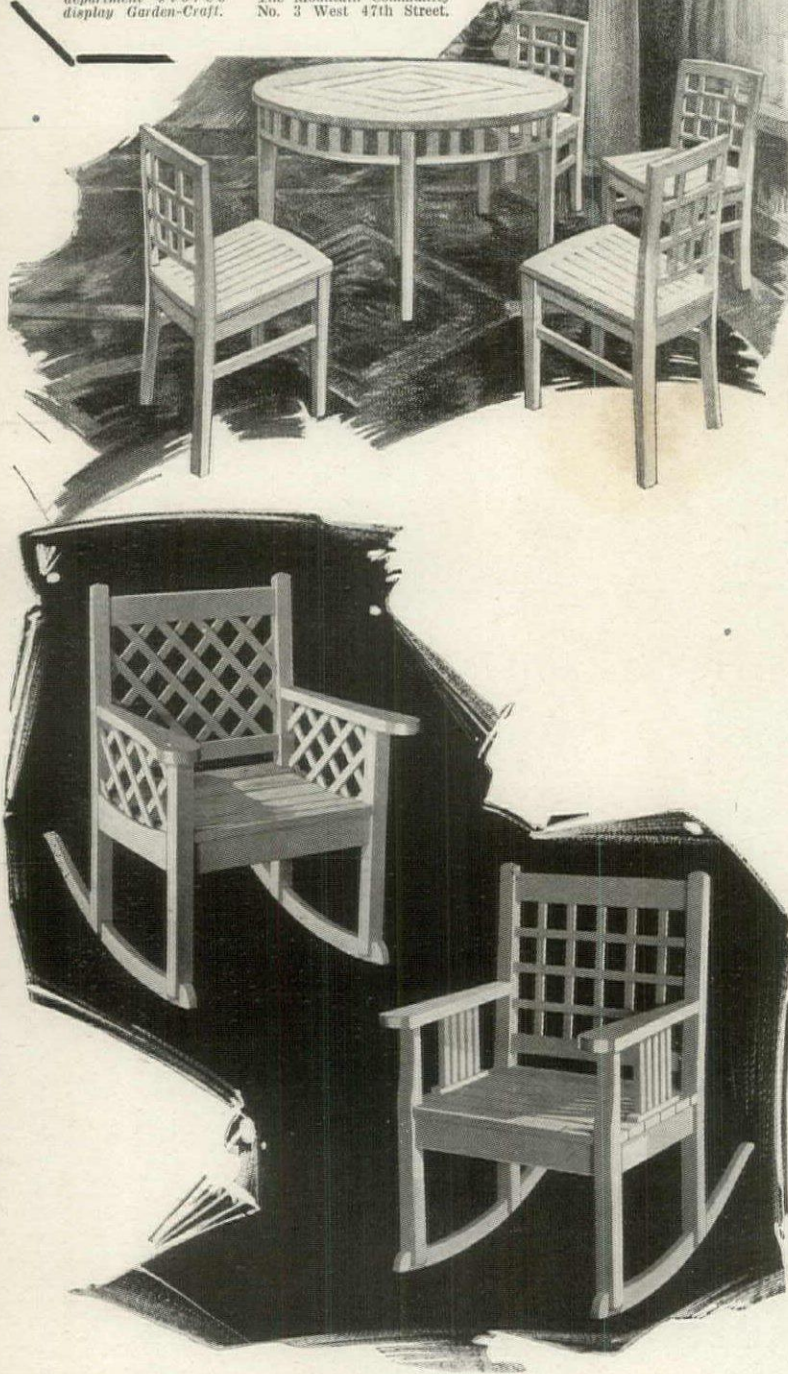
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An English Garden in Spring

(Continued from page 58)

of tulips and myosotis as are here shown, should not discourage but stir us to fresh hope and effort in gardening. Still, how could such flowers as these of Mathern Palace appear anywhere to such advantage as when they shine against close-shaven foliage as in the grass alley; or when each colored cup of tulip and sky-blue cluster of myosotis are thrown into relief against the smooth turf as seen in the old quadrangle?

Who can gaze at the illustration of the grass alley, without longing to look on the bright scene itself? The quiet setting of tree masses, the two gables of the old house on the right, deep in foliage; and gaily fronting the delicate spring background of blossoming tree and lilac, a dazzling effect of lines of flowers against rich green. Filled with color is this picture; and the coquetry of the topiary work seems to be part of the laughing beauty of the whole. Myosotis carpets the borders on either side of the walk: Late tulips trail a garland of rich hues above the blue; and the brilliant color has the perfect foil in the dark clipped yew which backs it all.

"Oh gallant flowering May—
Which month is painter of the world,
As some great clerks do say."

The grass walk seems to divide two gardens, perhaps a rose garden on the right; to the left, a garden of tulips is hinted at. The alley is an example of what such a walk should be, in width, in height of massive subject for the border,—a lesson in beauty of proportion. Happy he whose work, whose lovely creation is an effect in flowers such as this. Happy they who have strolled in May along this goodly walk, and fortunate we, who with this picture before us on the page may learn from it once again, that simplicity, and breadth of plan, are the successful principles of formal gardening.

In the photograph of the old quadrangle, the value of shadow is first of all apparent—the gay brilliance of sunlit flowers against sunlit walls, all rich because of shade. Here too, is a paved walk well placed, not cutting the green into two parts as so often is the American case, but allowing all possible sweep to the reach of grass, ivy, just enough to compose well, a few climbing roses against the ancient house garlanding the beautiful old windows—and one has suggestions which for simplicity and beauty cannot be surpassed.

The tulip bed too, gives endless hints

as to picturesque roof line and mass the happy use of trees, an unobtrusive tea-house fitted to perfection into the corner of the paved garden, for protection against English rain and mist and again the fascinating foreground of color in flowers.

Gardens such as these, speak to one spirit. The harmony, the fitness of—"All's Fair That's Fit"—the originality of a plan which though new, seems old—all fills the mind and eye with satisfaction and high pleasure. For myself, it is with gardens (and on first sight) as with people. They are simpatica or not. Let me give two impressions of American gardens, which in my case happened either to commend or not to commend themselves to this individual eye, an eye not sufficiently intelligent to be over-critical.

The two gardens in mind now, are the antipodes of each other. One is a formal garden with much costly stone and marble—flowers grown to perfection, all kept in order—but a garden which leaves one cold. There is no heart in it, no individuality. It is a mockery in gardening—its borders have in it only the pride of the eye. "See this is mine. I too have a garden; is it not better than yours or my neighbor's? It is more costly." When gardening takes this form, beauty is gone.

The garden set over against this in my mind is on a steep and wooded hillside, upon one of the loveliest of American lakes, indeed one of the loveliest lakes in any land. In the center of this garden, is a glorious pine-tree, tall, spreading, symmetrical. This has been taken as the pivotal feature, and a charming grouping of flower-spaces with little box-edged walks arranged to radiate from it. Also, there is a long arbor at the higher end of the garden flagged with stone, and at one end sitting place from which a vision of blue water and purple mountain is a surprise and a delight. When I had this happiness of seeing this simple but beautiful and personal garden, frost had browned it. There remained only smouldering embers of flowers, embers which but a week before had been tongues of flame. No matter. Here was a garden speaking to the heart as well as to the eye. Charm was in every line and fragment of composition. Above all, the words which leaped to one's mind within its boundaries words which should be applicable to every garden were those most precious ones seclusion, tranquillity, peace.

Bouquets the Winter Through

(Continued from page 45)

material will mark well the spot for here in August and September will be found, instead of the blossoms, beautiful dark blue oval pods with a gray bloom upon them; each hanging free from its dried calyx and tipped with a sharp spur. The podded spikes are so unusual that they are exceedingly attractive either alone in a dull blue vase or to give character to masses of lighter material.

A curious plant of waste sandy places is the teal, a tall coarse growing biennial. Its Greek name, dipsacus, meaning thirst, comes from the fact of its opposite leaves so closely clasping the stalk as to form a cup which holds rain and dew; venus' bath, venus' cup or basin are names appropriately given it. The liquid so held is one of the many "sure cures" for warts and the theory is held by several naturalists that the many insects drowned in it contribute to the nourishment of the plant. The ovate flower heads appearing in midsummer

are often 3" long and are closely covered with hooked spines among which nestle the tiny lilac flowers, the first appearing around the middle of the head and the blossoming progressing both upward and downward in a manner peculiar to this plant. The stiff spined heads have a commercial value for they are used by cloth manufacturers in "teasing" or raising the nap on woolens; the large central, king teazels for blankets and the laterals or queens in dressing the fine broadcloths. Inventors have vainly tried to produce a tool as effective as the teal but which releases the fabric without an obstruction is encountered where steel teeth, however pliable, tear it.

When to Gather

For winter bouquets the stalks should be gathered in September as soon as the flowers have faded. There are usually three or more heads on a stem and these

(Continued on page 62)

Mathews
GARDEN-CRAFT
Furniture

The entire advertisement is framed by a wide, intricate border of repeating floral and vine motifs. The text is centered within this border.

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12 EAST 40TH STREET
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ANTIQUE & MODERN
RUGS

FROM THE ORIENT

LARGEST ASSORTMENT
IN THE WORLD

Bouquets the Winter Through

(Continued from page 60)

In the Heart of the Home

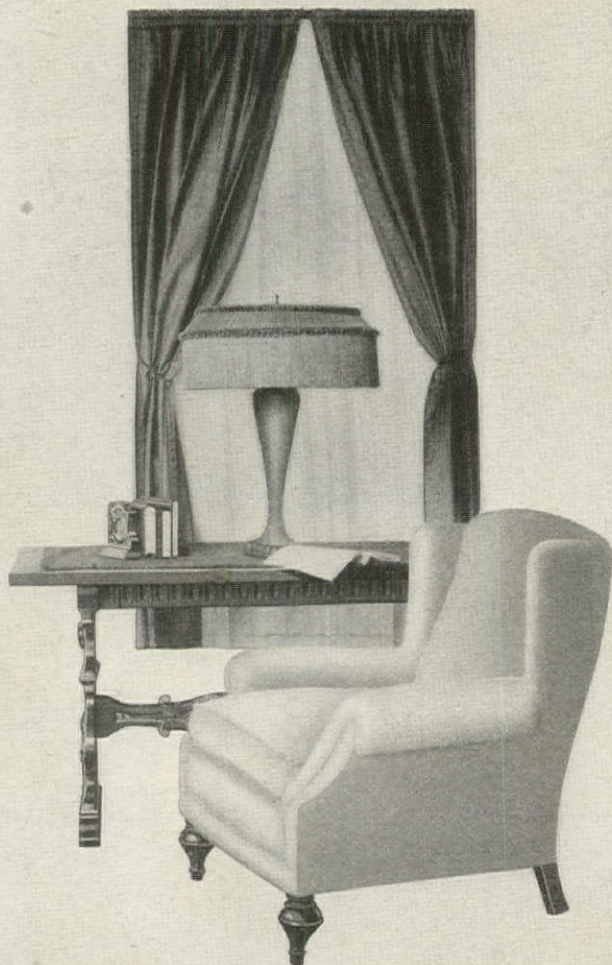
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are so distinctive, each surrounded by long clawlike bracts extending above it that but few are needed for use with brown compass leaves or in a slender vase alone.

Teazel is interesting in its natural tan color which tones well with both warm grays and browns or it may be tinted to harmonize with vase or background by painting it with oil colors thinned with turpentine. The teazel illustrated is colored a soft orange which blends beautifully with its Tiffany vase of iridescent golden tones. One sometimes sees in florists' windows teazels dyed in abominable purples and magentas which are impossibilities in almost any scheme of decoration.

The Decorative Vines

Of vines, several species bear fruit useful for winter ornaments, probably the best known being bittersweet, gathered so universally for many years. This vine, trailing over wayside fences and climbing woodland trees, may be recognized in early summer by its small greenish white flowers in terminal racemes. In October, these have become clusters of bright orange, berry-like capsules which, when brought into the house warmth, burst open and curl back, disclosing the red berries within. These berries keep their color for several years, being freed from dust by occasional baths. Indeed, most dried fruit and flora may be freshened by dipping gently into water. Spreading sprays of bittersweet in a low bowl make an attractive bouquet or it is pretty used with the brown sheep sorrel seed spikes.

One of the most beautifully fruited vines bears the malodorous name of carrion-flower because of the offensive scent of its small yellow blossoms. Belonging to the smilax family and cousin to the trillium, it has been reviled by all naturalists. Thoreau compared its odor to that of "a dead rat in a wall." But in late September or October, after a frost, it is well worth hunting for along river banks and in thickets, for happily its blue black berries, closely clustered, thirty or more of them in a ball, are entirely free from any odor and make a charming decoration where hanging vines are desirable.

Another vine of ill repute is the poison or three-leaved ivy, trailing its treacherous length all too commonly upon tree trunks and through tall grasses, even appearing sometimes in a shrublike growth. Its loose clusters of greenish white flowers are followed by tiny gray-white berries which persist into the cold weather. These berries are not of the poisonous nature of the leaves for they form the winter food of many birds. When the leaves have fallen, the berries on their brown twiggy stems have a decidedly Japanese value. A loose cluster in an Oriental brass bowl was one of the most beautiful subjects in a recent exhibition.

There are many shrubs whose decorative berries remain on the plant throughout the winter but which, when brought indoors, shrivel and fall, making them valueless as material for winter bouquets.

Bayberry and Straw Flowers

Bayberry, waxberry or wax myrtle, as it is variously named, botanically, myrica, is an exception, for its berries may be kept for a long time after picking. Abundant in thickets and gardens of New England, the bayberry is less common in other parts of the United States. Its crooked grayish brown stems have small clusters of dull white berries covered with wax-coated granules. In olden times these berries were collected in quantities and boiled to obtain the wax of which the fragrant bayberry can-

dles were made. As with many of Colonial products, a cheap substitute this wax is now used and few fragrant bayberry waxes. There are few lovely color combinations than a gray vase holding well-arranged sprays of myrica placed against a background of dull bayberry carried through hangings and table scarf on which the vase stands.

Hapless mortals remote from prairie and woodland need not be deprived of blossoms for winter adornment for they may grow their own dried bouquets they have even small patches of ground at their disposal. Most easily grown these are old-fashioned everlasting immortelles. All suggestion of funerals and memorials may be eliminated by avoiding the tiny white flowers of the latter name and planting *Adiantum roseum*, which blossoms, as the name indicates, in shades of red and pink. The flower stems should be gathered when the unfolding buds are but half open and hung, heads down, in a dark place until dry. If allowed to open fully, the petals fold back, completely hiding their color and disclosing the large mass of stamens which in doing have no beauty. Small wicker baskets filled with delicate grasses and potted strawflowers make dainty gifts.

An interesting plant dating back to Colonial gardens is the globe thistle *Echinops*, an effective subject for use. Often a color scheme requires blue tones which are admirably supplied by these globes composed of tiny metallic blue flowers. With grayish stems and foliage and placed in a gray and white vase, a bouquet of *echinops* excites universal admiration. The best specimens are secured by cutting when in bloom, before the flowers begin to fade. The plant, which is hardy and coarse, blooms in August and combines well with white phlox in the garden.

Another blue plant of entirely different growth is the lovely statice or lavender, which spreads its lavender mist over the salt marshes of the Atlantic coast but which its inland lovers are obliged to raise in their gardens. It is a hardy perennial with widely spreading panicles rising above flat masses of leaves. Gathered while in full bloom and dried, its minute blossoms retain much of their color and lend delicacy to bouquets of globe thistle, pussy willow and almost any of the larger subjects.

Old Honesty

But most exquisite of dried flowers is the dear old honesty or satin flower, our great-grandmothers' garden favorite. On the dresser, taking honorable place among pewter dishes, was often to be seen a bunch of its papery silver flowers. Honesty, moonwort, satin flower, periwinkle and, according to botanists, *Lunaria*, is a hardy biennial, its rather inconspicuous purple flowers adding little to the beauty of the garden. But the transparent silvery partitions of its seed pods are wonderfully delicate on tall dainty stems.

In the Arts and Crafts Exhibit at the Chicago Art Institute in October, the honesty illustrated took its place as an aristocrat when shown in a large vase displaying hand-wrought silver against a setting of gray velvet. In its slender vase of black, the silvery white seed pods gave an exquisite touch to the exhibition and was the center of much attention.

Off in a corner of the garden, where its creeping roots cannot crowd out other plants, may be grown the unique *salis* or Chinese lantern plant, whose bright orange lanterns give a brilliant note of color to neutral-toned bouquets. In pockets of tan po-

(Continued on page 64)

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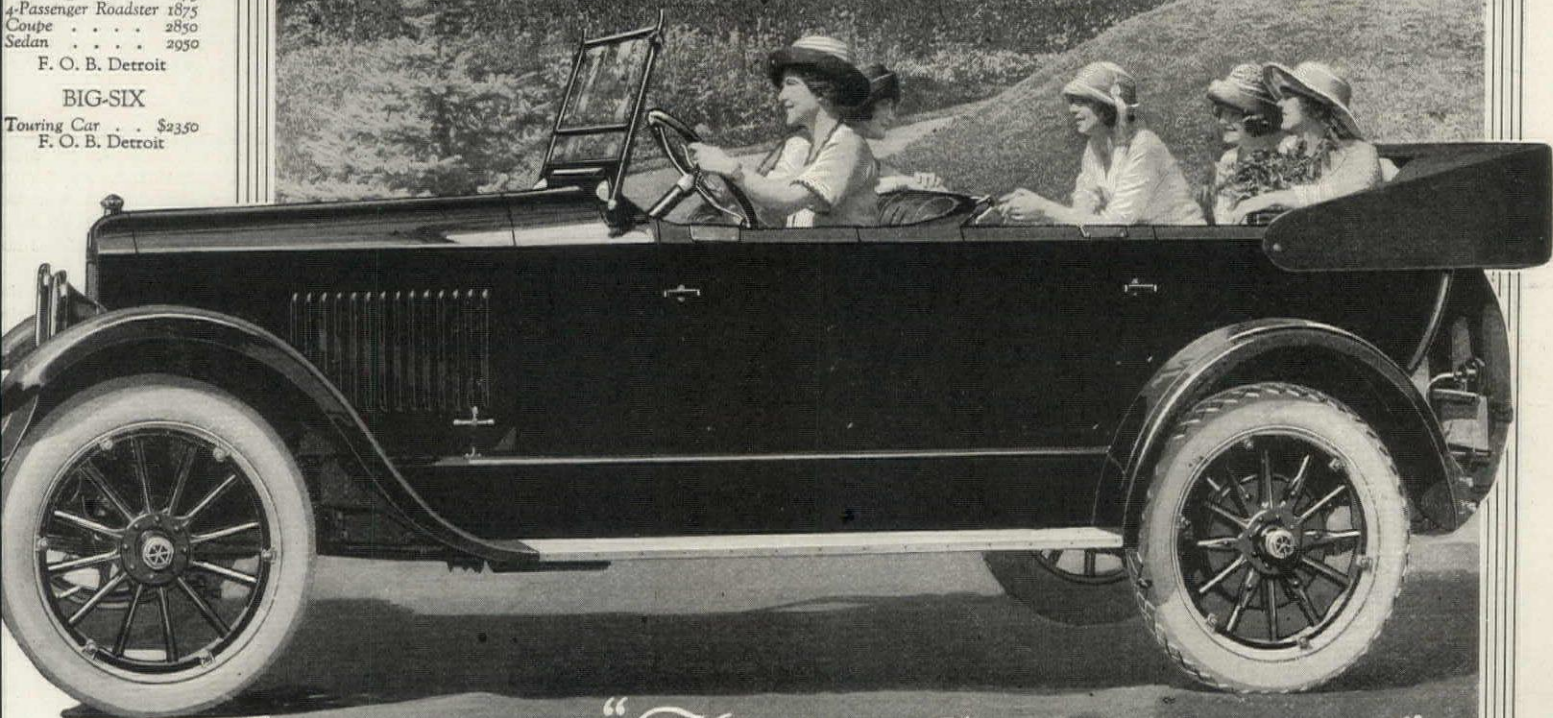
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4-Passenger Roadster 1875
Coupe 2850
Sedan 2950

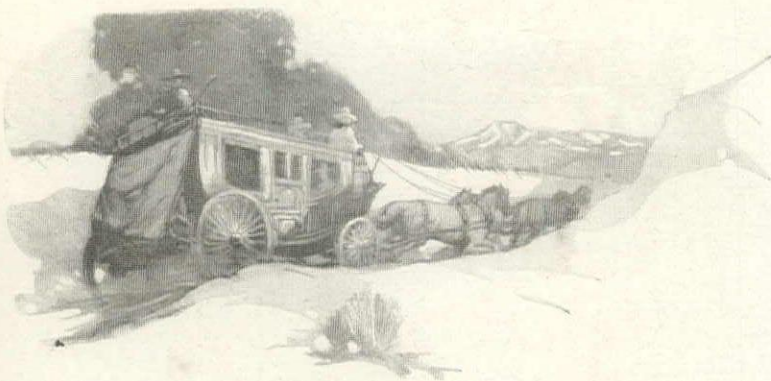
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Bouquets the Winter Through

(Continued from page 62)

against brown walls these form an effective decoration in a popular tea room whose color scheme is tan and brown.

This list of dried leaves, flowers and fruits by no means exhausts the possibilities of this subject, but a theme so dry must not be too long drawn out lest interest as well become dehydrated.

Let attention be drawn to this field and it is surprising how many plants will disclose a winter beauty unthought of. Only those less well known have been noted than the specimens already in common use; pussy willows, cat tails, wheatheads, hydrangeas and the many wild and cultivated grasses may be diversified and embellished by their addition.

Arranging the Bouquet

Of course to possess beauty, a winter bouquet must be arranged with a regard for the principles of form and color; must be something more than a hodge podge or a "dusty bunch of nothingness" wherein all individuality is lost. A bouquet of a few choice specimens loosely arranged reveals the characteristic charm of each in such a way that the eye never tires of beholding it, especially if its container be of a color which either harmonizes with or forms a pleasing contrast to it.

An adherence in a general way to the rules laid down in the Japanese laws of flower arrangement as taught in their art schools for centuries, will help to

avoid bunching of numerous varieties in conglomerate masses. One of the most important of these is that tall stalks in a vase are most pleasing if of an uneven number and not more than three or five. Indeed, the Japanese idea of Heaven, Man and Earth furnishes a sirable model; the tallest stem, Heaven, to be about one and one-half times the height of a tall vase; Man branching one side, one-half the height of Heaven and Earth on the other side, one-third the height of Man; any other flower leaves to be subordinate to these three. Though to the occidental mind this seems an arbitrary and stiff arrangement, very simplicity gives it the charm of Japanese illustrations of flowers and plants. Interspersing delicate airy specimens among these prominent stems gives lightness and grace to the bouquet, as well illustrated in the vase of birds and moth mullein.

If the container be partially filled with sand and the dried stems thrust firmly into it, they will remain in any desired position.

Arranged with due regard for harmony of form and color combination, a winter bouquet of dried flora may be not only as pleasing as one of expensive cut flowers, but is often better adapted to its surroundings in the home. Softer colors blend with those of house furnishings, giving a sense of pleasure and restfulness that continues through the winter days.

From Farm To Table

(Continued from page 29)

which may be practiced in America and one of the indirect benefits of the Great War is the broadening of the American horizon and the realization, on the part of many of the more thoughtful of our soldiers, that the countries of Europe have found ways of managing their agriculture and food supply, which preserve for posterity the accumulated riches of the soil, while supporting the present generation with maximum return to the producer and minimum cost to the consumer.

This desirable relation between the cultivator of the soil and the consumer of his products, this happy balance between rural and urban living, was particularly true of France before the war and is the goal to which that country is successfully striving now that she is somewhat relieved of the strain of the conflict in which she bore, with Belgium and the Near East, the most crushing part. A brief consideration of French methods will therefore prove of value to us.

French Markets

The traveller entering France by any of the usual routes cannot fail to remark the well-cultivated fields which surround every town and city. Indeed, the rows of carrots, cabbages and artichokes press the walls of the town in even ranks. The unlovely and useless "outskirts," so common in American cities, are scarcely to be found in France.

This intimate physical union of town and country, so clearly shown in the accompanying aeroplane pictures, is characteristic of the economic life of the people, for town and country fully realize their inter-dependence, and each is interested in the welfare of the other, the town depending upon the surrounding cultivated fields for its food and upon the raisers of that food for the sale of much of its manufactured products. This interest in each other's welfare is fostered by the marketing system, for it is a general custom that the

farmer brings his vegetables, his rabbits or fowl to the public market-place, where, during the early hours, the townspeople come for the day's supplies. This system not only reduces the need of the middleman and charges but also promotes a closer understanding of the producer's problems and the consumer's needs and together with a wise foresight on the part of the government authorities, makes possible an adjustment of supply to demand which prevents, to a large degree, the fluctuations in price that discourage the American farmer. During a period of sixty years, as B. Walter pertinently remarks, "the extreme mean variation in the mean of the important cereal, wheat, only six cents per bushel."

Soil Fertility

Since each town draws its supplies mainly from the immediately adjacent country, transportation and storage charges are reduced and the consumer is assured of really fresh products. Losses due to glutted markets are largely avoided.

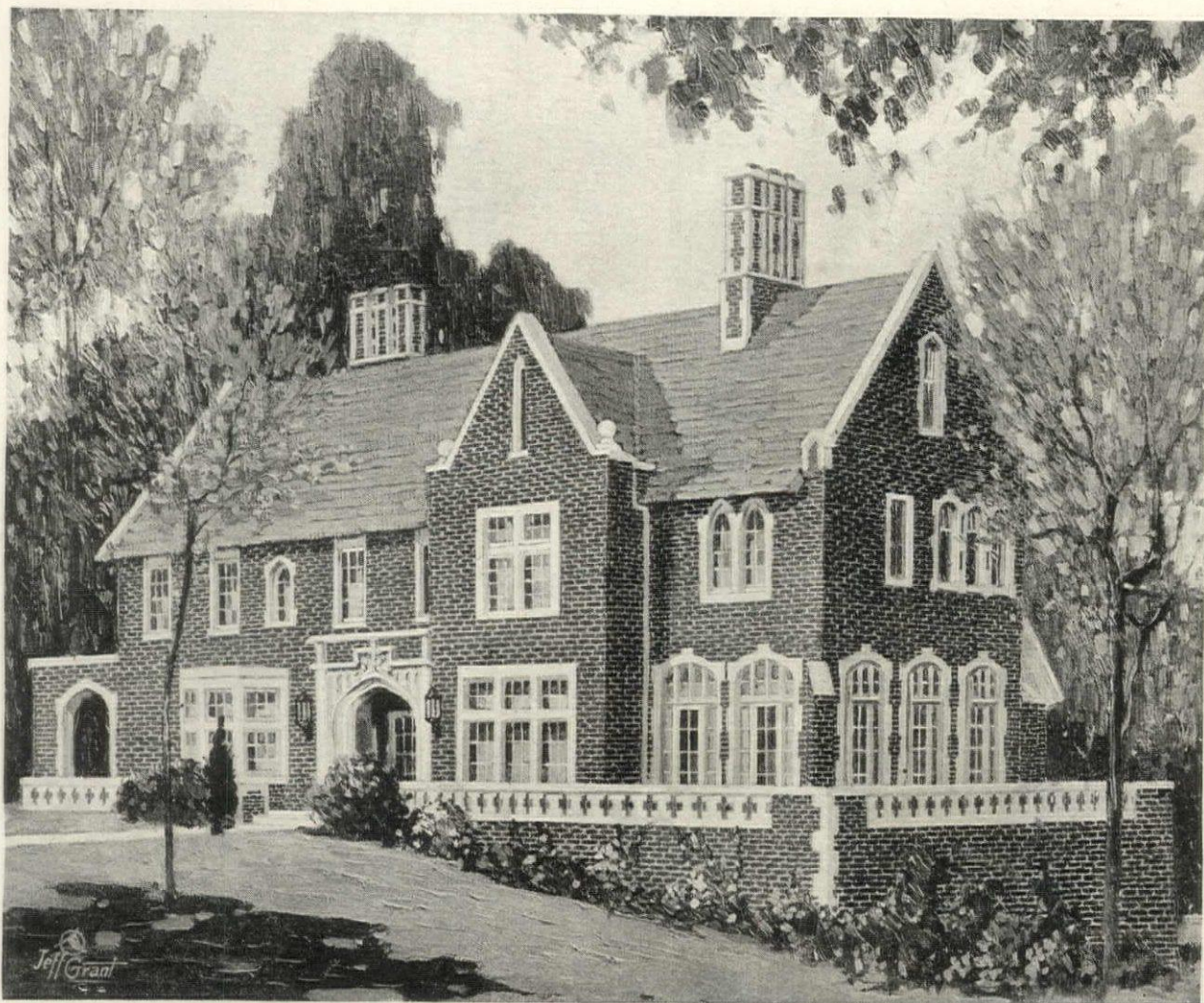
The city has come to realize, moreover, that soil fertility cannot be maintained unless the nitrogen and phosphates which the farmer brings to the town in his loads of succulent greens are returned to the farm. The waste of Paris is no longer discharged into the River Seine, as in the time of Les Misérables, but is conducted to surrounding market gardens.

Not until the United States was with repentant alarm upon the prodigious wastage of the nation's great wealth,—the fertility of the soil,—now flows into our harbors and rivers can we hope to avert starvation ourselves or our children.

Roads and Canals

The intensive cultivation of French fields, made necessary by requirements of a dense population

(Continued on page 66)



Painting after House at Atlanta, Ga., by W. T. Downing, Architect

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THE thoughtful builder knows that he cannot get real satisfaction in building his home, unless he combines the artistic with the durable. Face Brick, in its wide range of color tones and textures, and in the artistic effects possible through the architect's handling of bonds and mortar joints, offers an appeal to the most diverse tastes. Besides there is the solid satisfaction of knowing that for structural strength, fire-safety, and economy in the long run no other material surpasses Face Brick. Even if you are not ready to build now, now is the time to think the matter over and formulate your plans. "The Story of Brick" will help you at a decision.



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From Farm To Table

(Continued from page 64)

made possible by the division of the land into the small holdings shown in the photographs, not only assures a large total yield but gives to the French farm the nicety of a garden. Well-planned and well-kept roads place each village within easy reach of the neighboring town and a great network of canals connects all important points. The tow-path on the river bank, shown in the illustration, is characteristic of all navigable rivers and wherever the stream is too shallow to float the broad-bottomed boats, its waters are used to supply a canal constructed by its side. Thus motor and water transportation supplement the rail system and provide cheap and sure movement of food and other commodities.

Warning to America

It is in ways such as these that France and other countries of western Europe have worked out practical methods of maintaining and even increasing their production per acre and of getting their products to the urban dweller in the best condition and at the least cost. To the superficial observer the relation between the smooth, white roads, the green-bordered canals, the weedless fields, the prominent compost-heaps and the well-ordered town life does not appear at the first glance; but those of our soldiers and educators who looked below the surface found

that Europe has many suggestions for us, while, on the other hand, certain of our developments, especially machinery, can be discriminatingly introduced to the European cultivator. A realization of what such sympathetic comparison might do for each country, and of the importance of co-operation in the use of those natural resources which are essential to the well-being of all nations, has led to the formation of the "World Agriculture Society" as a "fellowship of individuals and organizations interested in the world-aspects of agriculture and country life."

This "World Agriculture Society" resulted in part from the Conference on World-Co-operation in Agriculture and Country Life, called by Dr. Kenyon Butterfield, Director of Agricultural Education, at the A. E. F. University, Beaune, France, in June 1919, and during the brief period since its inception the Society has secured the support of thoughtful people in both hemispheres. It aims to meet the needs of the present time by an appeal not only to farmers and those engaged in technical and educational phases of agriculture and those concerned with governmental functions, but also to every town dweller, calling upon all to think in terms of the country and its products and to realize that an enlightened public opinion is essential to the solution of this national problem.

The Attic As Guest Room

(Continued from page 31)

habitues, the shades carry a design of golf clubs on their borders.

Beside each bed is an old hooked rug in bright colors, green predominating. In the center of the room, under the "community" dressing table is a black fibre rug cut round and bordered with a deep scalloped band of brilliant green billiard felt.

The large round table was made with four partitions, so that each guest might have his toilet things to himself. From the middle of the table is a standard with a shelf for jewelry and a revolving mirror with glass on both sides. Two may "prink" at once.

At the farther end of the room is a dressing case made of two chiffoniers with a full-length mirror between. This is for shirts and underwear. Under the lower eaves is a closet for each man, sufficiently high to hold clothes. The dressing lights are two demure ladies holding ivory taffeta parasols trimmed with green taffeta ruche.

Each man has an old-fashioned chair painted old ivory and green, with seats of black sateen embroidered in a brilliant bouquet of old-fashioned flowers to match the hooked rugs.

The chimney is faced up with bookshelves and banded off in green.

The alcoves are furnished simply. Two old English golfing prints give them interest. An old-fashioned barrel chair is upholstered in black glazed chintz with brilliant flowers. A chaise longue is in green stripe material.

Tarleton Curtains

The view was too lovely to cut off; besides, air was needed. And yet the room required color at the windows. So they were curtained in brilliant green tarleton made up with ruffles edged with black ribbon. The color is that of fresh lettuce and it cooled the room. Also, no air was cut off. The ceiling lights were covered to match these curtains.

Originally this attic was to be called "The Apostles' Room" and on the four bed spreads was to be embroidered in

quaint scriptural letters, Matthew, Mark, Luke and John. Then—well, it was done. I hope someone will use the suggestion.

The linen closets are painted ivory with a tiny green diamond for decoration and the door into the bathroom has a large diamond in each panel.

This same green is used in the bathroom, although here mulberry predominates. The curtains in front of the alcove shower bath are brilliant green rubber banded with white. On the floor is green and white linoleum. The walls are white.

The Bathroom

A stiff English glazed chintz with small lattice design in mulberry white is used for roller shade and valance, ceiling light shades, mirror frame and dressing table. These are edged with bright green rickrack braid. The old hooked bath rug carries out the colors.

The rooms are furnished so that women would be just as comfortable as four men.

I think that in furnishing an attic should avoid the stereotyped fashion of decoration. Nothing is expected of comfort and, perhaps, amusement. Brilliant colors can be used or soft, tique tones, but they should not be mixed.

A small room could be fixed up for boys' or girls' guests by using maple blue woodwork, white walls and yellow painted furniture. The curtains could be of yellow gingham with a plain pointed band trimming of deep green chambray. Put yellow rag rugs on floor and use lamp shades of blue, low and red French paper. The French Canadians make beautiful home-made quilts of yellow and white that are durable and particularly appropriate for such an attic guest room.

A delightful house that I know has an attic library and music room. The walls are stained, the furniture is hickory oak. Between the wall beams are

(Continued on page 68)

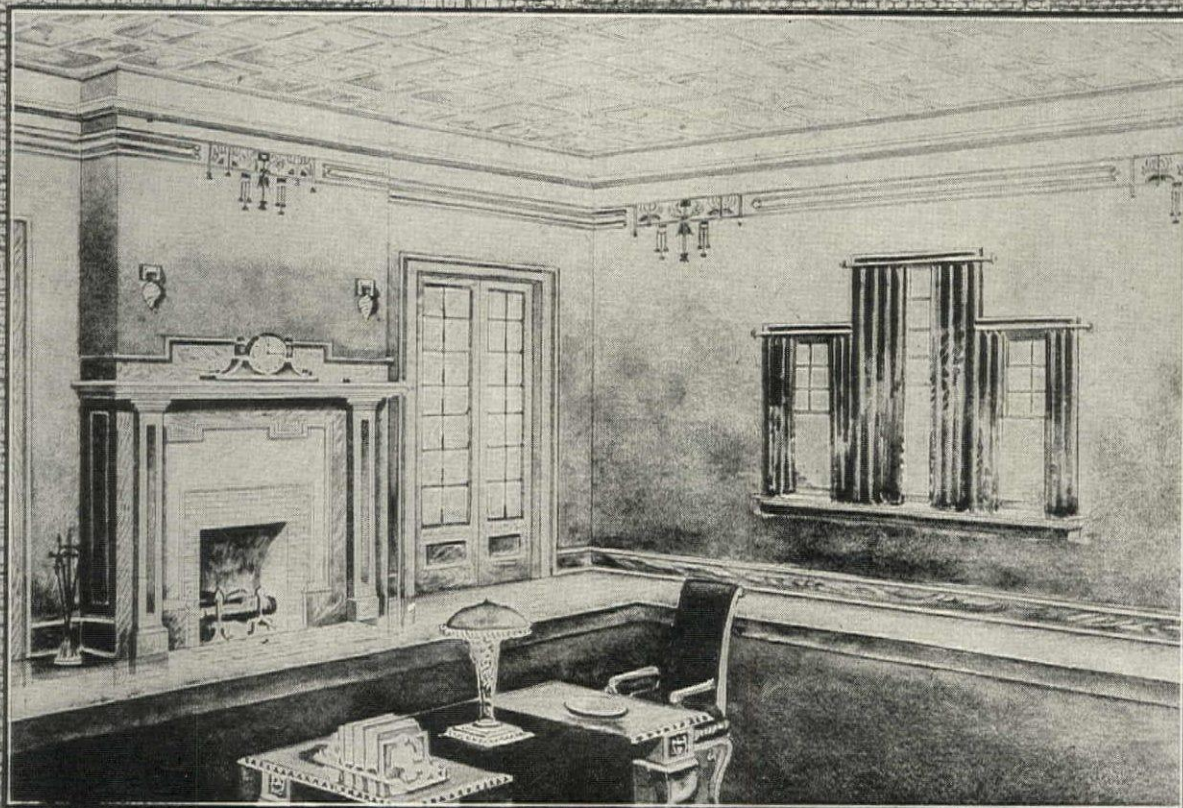
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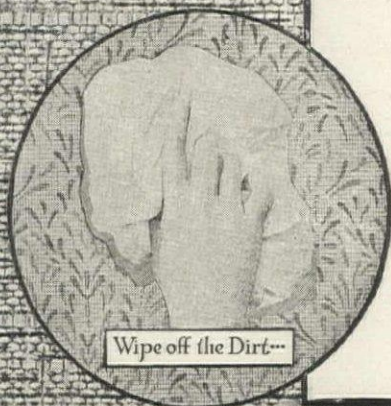
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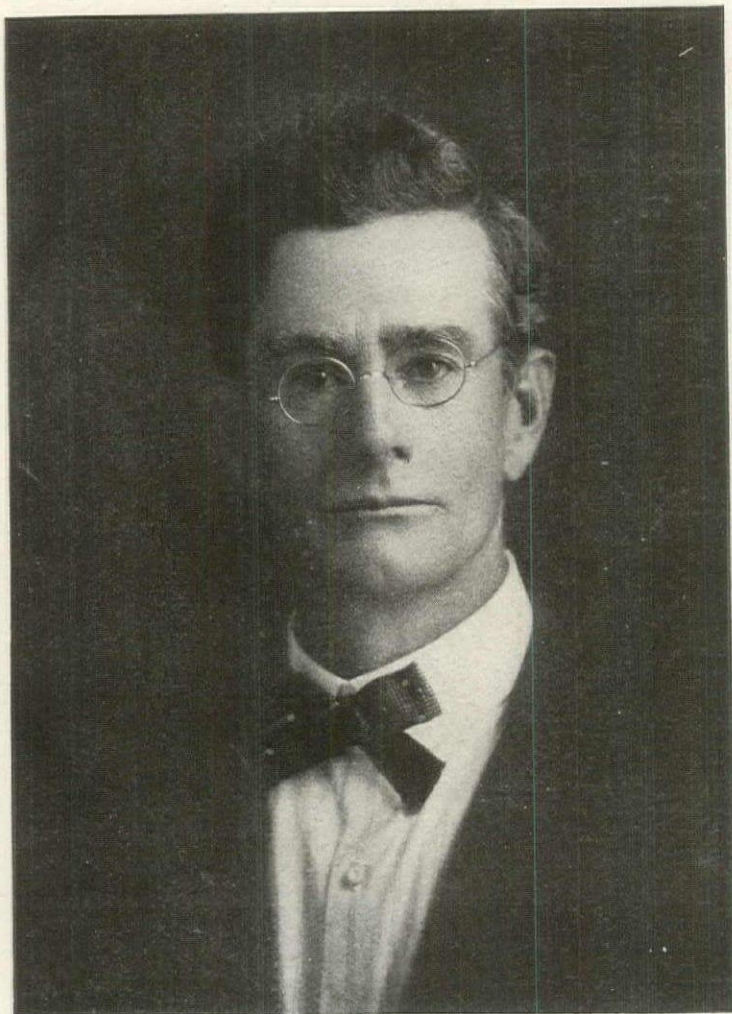
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Faribault, Minn.

The Attic As Guest Room

(Continued from page 66)

book cases. The room is not cheaply done. It has a certain elegance, and much dignity. After a formal dinner it is an entrancing spot in which to spend the evening. The music seems to have a particularly mellow, caressing resonance under the roof.

If the walls of the attic are not in a fit condition to paint, a landscape panel paper gives the effect one should get—the effect of there being no break between the wall and the ceiling. The trees rise into an indefinite sky. I should think that with scenic paper bought by the roll a rather good effect could be had if the pattern was cut out at the top, letting the trees silhouette

against plain paper put over the ceiling and carried down the walls. The wall strips would overlap the ceiling paper. The same could be done with a large floral design.

The exposure of the attic is the determining factor in the choice of color. On the other hand, it must be remembered that most attics are hot in summer and consequently the color must help counterbalance the heat.

In an attic with a north exposure one might use a pinkish yellow sidewall with deep rose cotton voile curtains and furniture painted blue green. This would be soft and warm and yet comfortable at all seasons of the year.

Roses Planted in the Fall

(Continued from page 46)

spireas, get out from the Federal Department of Agriculture.)

In the 1920 American Rose Annual there appeared a "Rose Zone Map", prepared by the Department of Agriculture to indicate those portions of the United States in which the various classes of roses would prosper. Any aspiring fall-planter living near or north of the Great Lakes ought to see this map before planning a rose-garden.

Planting Roses

The detail of fall rose planting is simple and fairly definite. Buy the plants of a nurseryman who actually grows them, rather than of a dealer, so that fresh plants may be expected; the rose is not happy out of ground, despite its endurance. If ordered before the first frosts have removed the leaves, ask to have the rose plants "stripped" of foliage before they are shipped to you, for every live leaf is evaporating water to the air every minute it is on the plant, and roots out of the ground are not able comfortably to provide this moisture. Good rose plants look like the pictures here, one of which shows the "Multiflora" root, and the other the "Manetti" root.

Prepare the ground thoroughly for the roses to be planted in the fall. It is heretical, I know, not to insist on preparation by trenching or complete removal to the extent of 2' or 3' in depth for the hybrid teas, but I have begun to think that such deep preparation is not entirely necessary, save in soils that do not drain easily. Fifteen to 18" will do very well, and I have seen good results where the digging was just to the depth of a spade with a 12" blade. Nor is the elaborate layer system of soil and manure and sand, etc., essential, unless the rose grower is heading into the super-expert class, and endeavoring to do the unusual thing with varieties of known difficulty.

Plenty of well-rotted manure is essential, however, and only in heavy soils which have been thoroughly and recently treated with manure is it proper to omit the addition of a liberal portion of that desirable form of plant food. Note, please, that I bespeak well-rotted manure, which means that it is all at least three months from the animal. It is not necessary to insist on cow-manure, though that fertilizer can be used fresher than horse-manure without danger. The latter, when well-rotted and "cool", is just as valuable, and mixed stable manure does very well. Enough of it, and well enough rotted, are the important items.

Manuring

"Plenty of manure" doesn't mean a thin coating spread over the rose ground and then buried out of sight—and often entirely out of reach of the rose roots—

by turning it over with a spade. "Plenty" is a fourth or a third of the whole bulk, and to be actually plenty for the rose plants, it must be dug in, and over and through until it is thoroughly mixed with the soil. Roots, generally, and rose roots particularly, do not travel to find food while they are pushing up sap for a newly set tree. The food must be handy and available, and well-rotted manure thoroughly mixed with the soil is both handy and available.

Where suitable manure cannot be had, or where it is desirable to supplement a scant supply of it, bone-dust or ground bone can be used to advantage. In soils already well pulverized by good culture, a liberal dose of bone-dust or sheep manure—both easily obtainable at any wide-awake seed-store—may be used instead of manure. These fertilizers are in the coarse powder or granular form, and will easily mix with the soil if enough elbow grease applied through a digging fork. The unpleasant odor of the dried sheep manure will disappear promptly when the mixing with the soil is completed. As to the quantity to use of a mixture of equal parts "sheep or bone", take into account that this condensed fertilizer is about four times as strong as good manure, and act accordingly.

What I have here written about preparation and fertilization has been written countless times, and is trite to the expert; yet I constantly find rose failures occurring because neither preparation nor fertilization is well enough done. It is necessary to insist, even at the risk of being tedious, that roses are not dainty but gross feeders, that their roots need the food that makes growth and bloom right close by, and that thorough mixing and solid planting are essentials.

I have gone rather thoroughly into the simple detail of rose planting, because, simple as it is, it has very much to do with the home rose-garden prosperity I want to promote. Better have one rose well planted and well cared than a dozen merely stuck into unprepared ground toward a slow death and a discouraging disappointment.

The Roses to Plant

With this essential emphasized, on the basis that the reader is a beginner in rose-growing, the inquiry will be made as to what roses to plant in the fall. The answer may be put in a progressive sequence, based on conditions about the home to be improved.

Is there a doorway, an arbor, a pergola, a kitchen screen, a division fence, an old stump, a garden entrance, a gateway, about the home that is vacant plant beauty? If such opportunity

(Continued on page 70)

Peterson's Perfect Peonies

The Flower Triumphant

THE Peony is a flower that can and does laugh at any Winter which nature may send us. It came out smiling last Spring, 100% there, after a Winter which wrought havoc to many so-called "hardy" plants of various kinds.

And this June it was more luxuriant in growth and bloom than I have ever known it to be.

Do YOU Know the Peony of To-Day?

Do you know that in addition to its unequalled hardiness, its freedom from disease, and its ease of culture, it is, withal, one of the largest, most fragrant and beautiful of all flowers?

I have intimately known and loved the Peony for more than 25 years and for the past 16 years I have devoted my life work exclusively to this flower and the rose.

734 15th Street, Washington, D. C., Nov. 10, 1919

"I have had the same men planting for the past five years Peonies from France, Holland, and the United States, and they all agreed that yours exceeded by far anything that they had ever planted. I agreed with them, and I want to thank you for your excellent shipment."

"I have no objection to your quoting me at any time you desire to do so. I think it is well for the public to know where they can get good Peony roots, correctly named, as I have had some sad experience in the past."

EDWARD P. SCHWARTZ

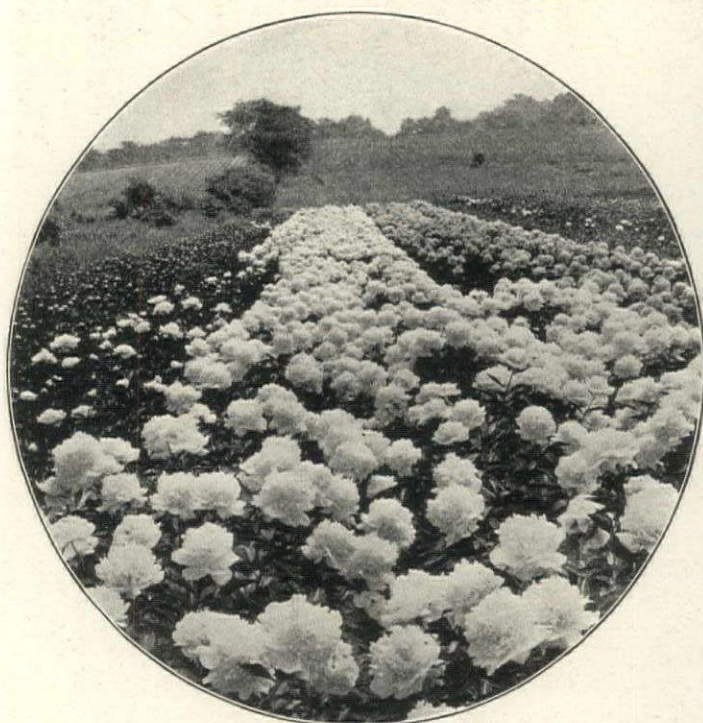
(Peonies must be planted in the Fall).

My new Peony Catalogue for 1920 will open a door of ever-increasing garden delight. May I send it to you?

George H. Peterson

Rose and Peony
Specialist

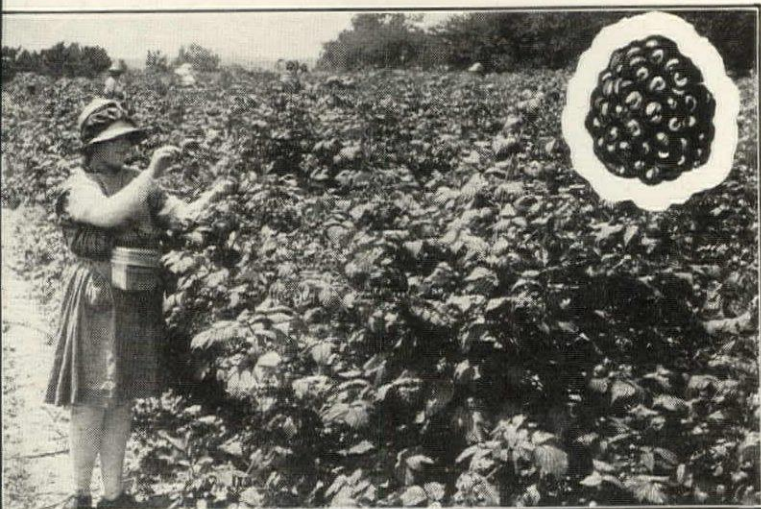
Box 30, Fair Lawn, N. J.



Honeysweet Black Raspberry

"Sweet as Honey"

The berry for the million and the millionaire—there's millions in it



Picking Honeysweet. Sold on local market summer of 1920, fifty cents per quart

THE berries are the most delicious fruit you ever tasted. Ripens in July—sweet and delicious—**UNLIKE ANY OTHER BLACK RASPBERRY.**

Honeysweet is extremely hardy, passing through the severe fruit tree killing winter of 1919-1920 without injury to a single twig on any plant in a four acre patch.

**BEARS EVERY YEAR—HAS NEVER BEEN A SLACKER
LARGE SIZE—GLOSSY BLACK—DELICIOUS
THE WORLD'S GREATEST BLACK-CAP**

The big clusters of big, black Raspberries literally cover the bushes. Twelve of our vigorous, nursery grown plants, will produce many quarts of fruit the first season—Twelve plants will fit into your garden nicely. **NO GARDEN SHOULD BE WITHOUT HONEY-SWEET.**

As a dessert berry, in pies, as a canned sauce, as jam, you never tasted anything like it—**TRULY A FRUIT FIT FOR A KING.**

Honeysweet has now found its way into every state in the Union and into many parts of Canada. Wherever it goes it is a winner. Planted commercially we know of nothing that will pay such immense returns per acre as this new and wonderful variety. Many growers received \$1.05 per pound for this year's crop of dried Black Raspberries.

Visitors are cordially invited to visit our nurseries during the fruiting season. Plant Honeysweet—it has been called "The most delicious Black Raspberry."

Price for good, strong, fruiting plants:

\$2.50 per 6, \$4.00 per 12, \$15.00 per 50, \$25.00 per 100, \$200.00 per 1000

**GLEN BROS., Inc., Glenwood Nursery, Established 1866
2005 E. Main Street, Rochester, N. Y.**



Beautify Your Home With Evergreens

Direct from Little Tree Farms

OUR FAMOUS OFFER OF

6 Ornamental Evergreen Trees \$5

has enabled thousands of home owners, at little cost, to add to their grounds the beauty and dignity of living trees—growing trees, enhancing year by year the attractiveness of the home and its property value.

We make this special offer solely to acquaint home owners with the service and nursery stocks of LITTLE TREE FARMS. This Introductory Offer includes:

1 Silver Fir, 1 Red Pine, 1 Juniper,
1 Douglas Spruce, 1 Austrian
Pine, 1 Aborvite

Each of these beautiful Evergreens is two feet high, or over; and in sturdy growing condition. Packed carefully for safe delivery to transportation company, Framingham, Mass.; shipping weight 25 lbs. Send remittance with order.

FREE: The Book of Little Tree Farms

Beautifully illustrated with photographs of trees, shrubs and landscape effects. Contains valuable data on choice and care of nursery stock. Used as a reference work in schools, and listed in library of U. S. Dept. of Agriculture. Write for it.

American Forestry Company

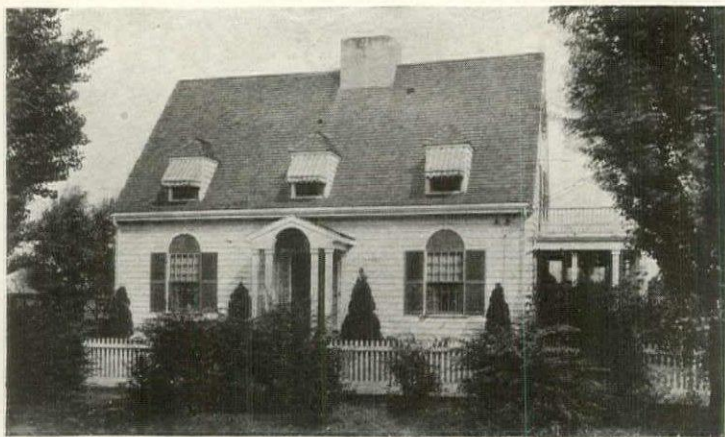
Dept. K-10

15 Beacon Street BOSTON, MASS.
Owners of Little Tree Farms



Silver Fir





House at Belmont, Mass. Stanley B. Parker, Architect Boston

NATURE alone is responsible for the qualities that make White Pine such a good home-building wood.

The smooth, even grain that makes White Pine easy to work and permits close-fitting joints—its long life when exposed to the most rigorous climate—its freedom from warping, splitting and opening at the joints—are due to the peculiar characteristics that Nature has given the wood.

WHITE PINE

We especially recommend White Pine for use on the outside of the house, for three centuries of home-building in this country have brought out the fact that no other wood so successfully withstands exposure to the weather.

White Pine costs a little more than other building woods, but the prudent home-builder will find the slightly added cost a sound investment because of the added life White Pine will give to his house, and its elimination of repair charges.

He will have the satisfaction also of having his house for many years to come as fine in appearance as the day it is completed.

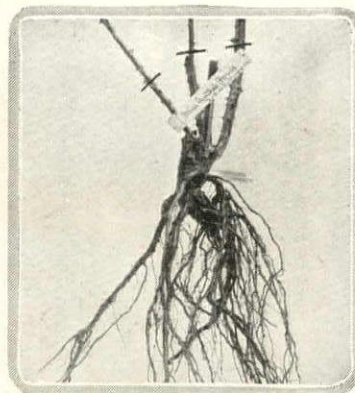
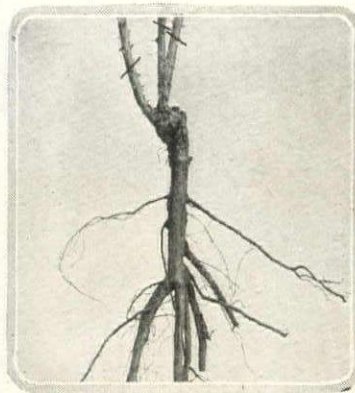


"White Pine in Home-Building"

is beautifully illustrated with old Colonial and Modern homes, full of valuable information and suggestions on home-building, and gives a short, concise statement of the merits of White Pine. Send for it now. There is no charge for it to prospective home-builders.

WHITE PINE BUREAU,

1004 Merchants Bank Building, St. Paul, Minn.



On the left, a rose plant with Manetti roots; on the right a plant with Multiflora roots. Plant deep enough to cover junction of roots and top 2". Plant firmly

Roses Planted in the Fall

(Continued from page 68)

ists, and is exposed to the sun at least half the daylight hours of every day, start the rose adornment there. The modern hardy climbing roses are vigorous, adaptable, and easy to grow. There are three broad divisions of them—the small-flowered cluster bloomers, represented by the familiar Crimson Rambler and its pink sister Dorothy Perkins or Lady Gay; the large-flowered Wichuraiana hybrids, represented by Dr. Van Fleet and Silver Moon; and the glorified wild-rose single-flower type, represented by American Pillar and Hiawatha. The planter may choose which, remembering that the small-flowered sorts give the largest bloom show with the least individual beauty of flower, that the single-flowered varieties are informal and lovely, and that the other group includes regal flowers of the conventional rose form.

Over a doorway the pink Lady Gay is most pleasing, as also is Excelsa, the improvement on Crimson Rambler. An arbor or pergola may have the fine and fragrant Climbing American Beauty for crimson and Silver Moon for white—and the combination will be very happy. Dr. W. Van Fleet will put the pink tone between, and extend the season.

For Screens

The kitchen screen or the old stump will become objects of beauty if covered with the strong canes of American Pillar. The division fence can have Paradise and Hiawatha and Milky Way, with their star-eyed single flowers, and with a little training will become a thing of luxuriant beauty. All I have mentioned will climb to 15' or more.

For more intimate effects, use the more or less yellow tints of Aviateur Bleriot, Goldfinch, and Alberic Barbier, each providing a special beauty of bud, and doing best within a height limit of 8' or 10'.

My personal preference is for a considerable variety of these climbers, so as to extend the season, at sacrifice of the greater impressiveness of a larger display of any one sort. My neighbor, who thinks otherwise, shows a most notable display of Lady Gay over arches, and of Leuchstern and Purity and White Dorothy on short posts.

But, the climbers placed, is there room and sunshine for some bush roses? If only hard-luck conditions exist, and in the more rigorous climates, put in several Rugosa hybrids—Conrad Ferdinand Meyer or Sir Thomas Lipton. Roses will surely come!

Next in order of ability to endure hardship are the Hybrid Perpetuals, which give a great burst of fragrant and opulent bloom in June, and are out of business usually for the rest of the year, save for a few precious flowers of some sorts in favorable autumns. General Jacqueminot, Baroness Rothschild,

Frau Karl Druschki, Magna Charta, Paul Neyron, Anna de Diesbach, are reliable and long-enduring varieties.

Trouble with H. Ts.

Most of us are adventurers in gardens, and are willing to take chances for rose beauty. That is why more Hybrid Tea roses are sold and bloomed every year than all other classes put together. The "H. Ts.", as they are familiarly called, give us form, fragrance, size, and color of bloom, and theoretically they flower continually wherefore they are much to be desired. That the bushes are ill-shaped, undeveloped when out of bloom, and subject to bugs and bothers, is the sporting side of the rose effort; for if by care and attention, plus weather and good fortune, we bring them to bloom, how great is our pleasure!

As I write, I am looking at a bowl of these roses from my own garden, and I am proud that I can have them in profusion to look at and to give away all through this humid July. Yet I have failed more often than I have succeeded, and I no longer buy the Hybrid Teas with a feeling of their permanence in my garden. Why should I worry about what may happen, when I have had delight far beyond the power of the same number of expended dollars to give me any other way? Compared with theatre tickets or candy or books the roses are cheaper by far, even if I have but a half-dozen blooms in the season, and the plants perish later. Sufficient unto the hour are the roses thereof!

Buy the Hybrid Teas, therefore, for fall planting in the hope of a season's subsequent blooming. Give them your best place, your best ground, best prepared, and agree with yourself to pet them lovingly in the hope of success but only to try again should you fail. If they prove permanent, you are ahead!

H. T. Varieties

There are nearly a thousand varieties of Hybrid Tea roses in American commerce, which is fully nine hundred too many. Some do best in one place, some in another, and some nowhere in America. In the 1920 American Rose Annual are many pages of bloom records to show which sorts do best in certain localities, and these indications are, ought to be, precious in the sight of a careful rose buyer. Many rose nurserymen can give good advice for varied localities, but after all, experience is the best teacher, and there is much "fun" in the failures that turn us toward success.

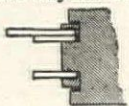
It is hazardous to name any varieties here, yet I may venture to start the rose friend with a few of beauty and

(Continued on page 72)



L. Hilton-Green's Sunlight Greenhouse, Pensacola, Fla.

THE principle of the Sunlight Double-Glazing, as shown here, is a $\frac{3}{8}$ -inch dead air space between two layers of glass forming the transparent blanket. This is a patented feature. It retains heat overnight, repels the cold, and does away with most of the labor and expense of winter gardening.



It Is Inexpensive to Own and Operate a Sunlight ^{Double-Glazed} Greenhouse

You want to get all the pleasure from winter gardening without the usual expense, trouble, and doubt of results.

The transparent "blanket" formed by our patented *Double-Glazing* retains the sun's heat, repels the cold and makes winter growing successful—you need only a small oil heater in severe weather.

Assure yourself of an abundance of fresh vegetables and flowers this winter. Arrange now to get a *Sunlight Double-Glazed Greenhouse*—you'll need it early.

Shipped Ready to Set Up

Sunlight Double-Glazed Greenhouses are built in Sections—perfectly fitted before being shipped, and can be easily set up by anyone. *Sunlight Double-Glazed Sash* as used in the Greenhouses are interchangeable for use on Hot Beds and Cold Frames and need no mats, shutters or other extra covering.



Our Free Illustrated Booklet explains everything in detail, gives prices and valuable information about Greenhouse, Hotbed and Cold Frame operation. Send for a copy—and get your order in early.

Sunlight Double-Glass Sash Co.

Division of Alfred Struck Co., Inc.
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REVITALIZING WORN-OUT SOILS

Each summer, plant life takes from the soil which sustains it certain elements of productivity.

SODUS HUMUS *The Essence of Fertility*

puts them back in generous abundance.

Now is the time to use this wonderful natural fertilizer to replenish and build up run-down soils.



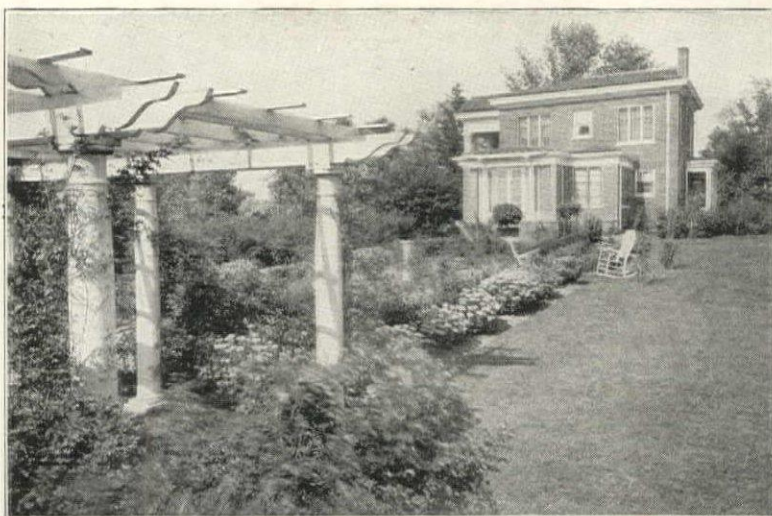
You will be glad you did so when next spring rolls around. The results will well repay you.

A sweet and odorless silt and leaf loam that improves the growth of flowers, vegetable plants, shrubs, trees and lawns.

Full directions for all uses accompany each shipment. Order a 2-bushel sack, at least.

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Wagner-planned gardens and estates are the highest expression of landscape art. We aim not to supplant Nature, but to supplement her in her rugged, natural beauty. Our gardeners guard jealously every natural advantage of your grounds, adding here and there those delicate, delightful touches which mark the difference between the really artistic and the commonplace surroundings.

Now is the time for fall planning and planting. Iris, Peonies and Flowering Shrubs for spring blooming—Evergreens and Conifers for winter cheer.

Write today for our large, illustrated fall catalog No. 193 and full particulars of our Landscape Service.

The Wagner Park Nurseries Company
Box 92 Sidney, Ohio
Florists—Nurserymen—Landscape Gardeners



Roses Planted in the Fall

(Continued from page 70)

vigor and broad adaptability. Gruss an Teplitz (probably not a real H. T.) will give an abundance of bright crimson blooms if not too violently abused. Radiance has reliably shown its pink beauty in many places, and Ophelia has emerged from the greenhouses to be a fine garden rose. Mrs. Aaron Ward, also an escape from the forcing-house of the florist, will delight with its apricot buds. Killarney, Lady Alice Stanley, the lovely new Columbia, La Tosca, Mad. Abel Chatenay, Mad. Second Weber, Duchess of Wellington—all these are likely to do well in most rose-gardens. Scores of other sorts will approve themselves on trial, and some will disappoint—if I knew certainly which, I would say so!

Just a word about winter protection for these fall-planted Hybrid Tea roses. As the outdoor-grown "open-ground" plants are received (I would never think of planting the little own-root pot-grown plants in the fall), they will have the full year's top-growth on

them. This should be pruned or "cut back" to not over six or seven buds' eyes on each stem, and not more than three stems to a plant. The roots also need to be pruned only to smooth and ragged ends. When setting in the prepared ground, they should be enough deeper than they grow in the nursery to cover the junction of the bud with the root at least 2". When solid-firmed into the soil—and loose planting is an assurance toward failure!—pull 3" or 4" more of ground loosely about the stems. After this has frozen, well later, cover the ground with evergreen boughs or other loose litter, to serve as protection against the winter's cold rather than against the winter's cold. This protection must be loose and open, not close and tight; it is to shield against sun and wind, and yet must permit air circulation. If the spring shows some freezing back, simply cut away the dead wood, and if the rose is uninjured Nature will provide a new top.

Planning the Modern Laundry

(Continued from page 52)

The laundry is not complete without a simple well-arranged cabinet to provide for the storage of soap, starch, sleeve boards, clothes pins and other accessories. There may also be a compartment for brooms and mops where these essentials may be hung up.

The flooring material should be chosen with an idea for ease of cleanliness, comfort and durability. Wood is the most comfortable floor to work upon and is the cheapest but is difficult to keep clean and rots easily. Since tile and cement are too hard for comfort, a composition floor seems to be the ideal material. This can be carried 6" up the walls to form a sanitary base. A bell-trap can be placed in this floor to carry off the surplus water and to facilitate cleaning. For a trifling additional expenditure the floor under the hamper could be raised 3" above the main floor

of the laundry. This tends to keep the basket free from any moisture which might accumulate on the floor.

If expense is not too great a consideration a tile wainscot about 3' high on all four sides of the room adds to cleanliness and looks. A very good substitute however, is to plaster the wall with cement up to the same height and cover it with a gloss finished paint—this could be a shade darker than the wall above—and where the two meet paint a band of brown or blue about an inch wide.

The initial outlay of this up-to-date laundry is soon overbalanced by the saving in wages, by gas and electricity bills, and which is of greatest importance, the time and strength of the housekeeper. These things far outweigh the matter of initial expense for installation.

Beauty and the Bathroom

(Continued from page 51)

There are some points in favor of the enameled tub. It doesn't absorb so much heat from the water; hence a hot bath can be obtained in it more quickly. It is lighter in weight, therefore more easy to install in frame houses and its plumbing is easier to handle. Furthermore, greater uniformity can be had in its construction.

In the tub which is built into the wall, there is a tendency to neglect proper piping conditions. When installing a solid tub, it is necessary to build a bulkhead in back of the tub so as to take care of the waste pipe which should be available to the plumber as it often needs a new washer. Or it must be built against a closet wall so that the pipes are easy to get at, or against a hall wall or some stable place.

Valves

There are myriads of styles of faucets, vents and outlets used today in tubs.

It was at first thought advisable to have the inlet as near the floor of the tub as possible in order to make the pour of the water practically soundless after the first inch or two came in. This is about the only advantage of this arrangement. It is far better to have the inlet higher up, either on top of the wall of the tub, or even in the

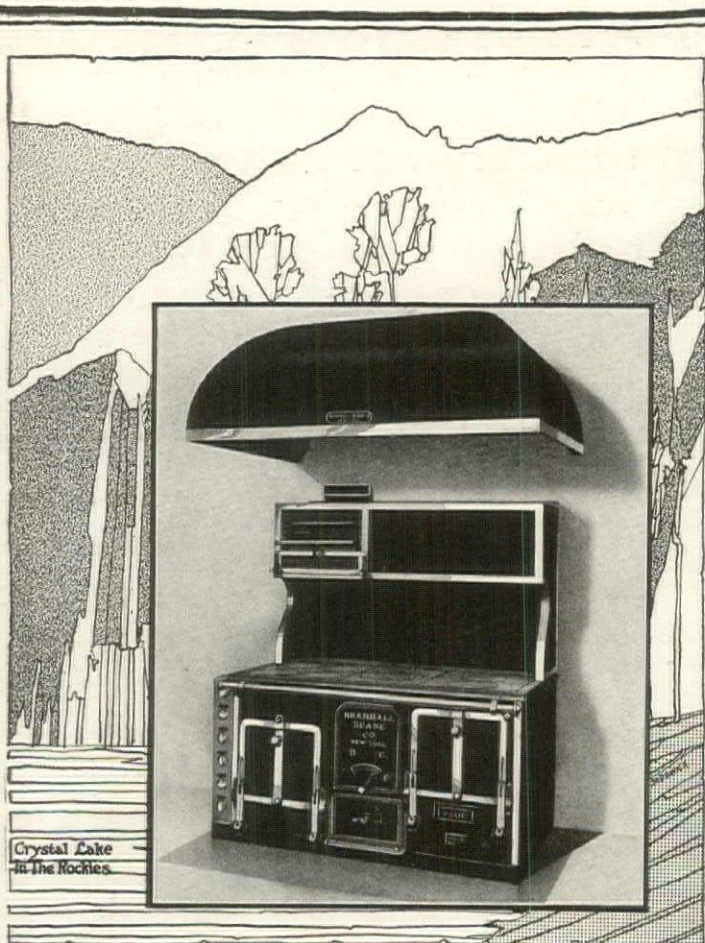
wall above the tub. If it is in the wall of the room it is impossible to hit one's back while bathing; and one may have a shampoo nozzle attached; or draw water from it whether one is in the tub or not, and when necessary, fill a pail or dish. There is more noise when the water is running into the tub, but what of it? If you have a good door to your room, that will silence the sound.

With the low inlet, there is a remote danger of drawing in through the pipe dirty water from the apartment above if some one is bathing in the tub which is a twin to yours. It is quite possible for this to happen unless the plumbing system is very well contrived.

One can have a hot water and cold water faucet or one faucet from which both hot and cold come. This is a matter of taste. More often there are two, but many people like one, so that there can be a mixture of water, giving a comfortable temperature.

Tubs, of necessity, have to be placed in many ways. When in recesses or in a corner, the valves, etc., can be placed at one end. When against a wall, the piping can be placed above the bath in the wall. This method often lends a luxurious air to a room and has been utilized in the most elaborate ones.

(Continued on page 74)



Burn Electricity or Coal in this Deane French Range

At a turn of a switch you get instant heat—high, medium or low—as desired.

With electricity you get cleanliness because there is no soot or smoke to discolor utensils or kitchen walls. You are assured of safety for matches and explosive fuels are not used. You save time, for there is no waiting for a fire to reach a temperature suitable for cooking or baking.

Deane French Range

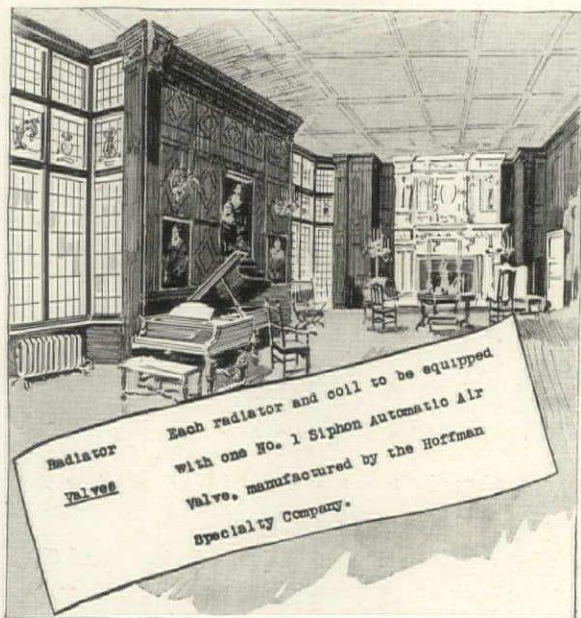
using electricity in combination with coal, is one that you will take pride in showing to your friends. The plain, polished trimmings, the absence of "fancy work" to catch dirt, the angle base that prevents refuse from gathering beneath the range and stray drafts from cooling the ovens—all these features and more are found in *Deane French Range*.

Consumption of fuel, be it electricity or coal, is held to a minimum. In fact, it has been said that the saving in fuel soon pays for the range.

The range illustrated, built of Armco rust-resisting iron, is made in two sizes. The electric section at the left end has a large oven, a cooking top composed of four plates and a broiler in the plate shelf. The coal section has one oven and a fire chamber. The French hood collects cooking vapors and prevents them from circulating about the house.

At your request, we will mail "The Heart of the Home", our portfolio of special ranges. If interested in the electric and coal range illustrated, ask for special folder.

BRAMHALL, DEANE CO.
263-265 West 36th St., New York, N.Y.



How your Architect can write heating comfort and small coal bills into your specifications

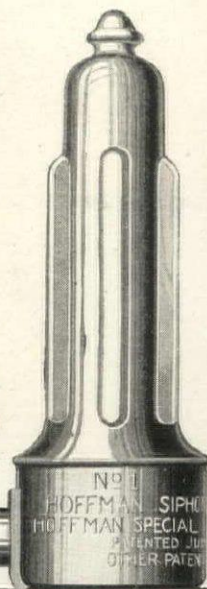
When your architect includes Hoffman valves in your heating specifications, he is planning a warm, cozy home for you, because Hoffman Valves assure

- [1] Radiators hot from end to end—a few seconds after you turn on the steam heat.
- [2] Radiators that radiate heat noiselessly—no banging or thundering.
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And so you get complete warmth on low steam pressure—hence small coal bills.

As soon as your steam system has been equipped with Hoffman Valves you will receive the Hoffman guarantee of five years' perfect operation. Be sure to ask your architect about it. Send to our New York office for the booklet, "More Heat from Less Coal."

No. 1 Hoffman Air Valve. The recognized standard for radiator venting in one pipe systems.



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Running Water for Every Home

The Kewanee Water Supply System ends lifting and filling of heavy water buckets in the kitchen and laundry, in the barn, milk house and garage. Simple in construction, requires little attention and works steadily day after day without getting out of order.

There is also a Kewanee Lighting Plant, and a Combination System supplying both running water and electric light, and a Sewage Disposal System.

Send for free booklet describing over 100 plants for farms, country houses, clubs, etc.

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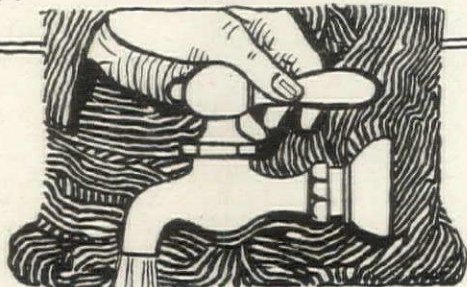
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ADD to the APPEARANCE
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Thousands
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They catch
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Garment Care System

Saves Closet Space



YOU can save from \$200 to \$500 on your new house by planning smaller, more efficient closets, made possible by the KNAPE & VOGT Garment Care System. Saves valuable space that can be allotted to other rooms, and assures the better care of wearing apparel.

The KNAPE & VOGT Garment Care System does away with hooks and crude hangers that destroy the beauty and set of your attire. Carriers are roller-bearing and operate easily on a telescoping slide. A slight pull brings the whole wardrobe out into the light and air of the room. There are special hangers for every garment and, as those for coats and jackets are shoulder-fitting and "nesting", more can be used on the carriers of this system.

Write us for particulars and suggestive plans whereby you can save money by installing the KNAPE & VOGT Garment Care System in your new home, or by which you can modernize your old closet.

This system of garment care modernizes closets in old or new homes, apartment houses, hotels, clubs, lodges, etc. Installation in old closets is easily effected by attaching over top of door casing and to rear wall. A screw driver is the only tool required. Carriers are made in all sizes from 12 to 60 inches in length.

On sale at hardware and department stores. If not immediately obtainable at yours, write us giving closet dimensions and we will see that you are supplied.

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GRAND RAPIDS, MICHIGAN

New York, 168 Church Street Chicago, 546 Washington Blvd.
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San Francisco, Rialto Bldg. Minneapolis, Soo Line Bldg.



The light percolates around the mirror on to the face. Courtesy of Edison Co.

Beauty and the Bathroom

(Continued from page 72)

Nearly every modern bath has a shower of some description.

The difficulty with the shower is the splashiness of it. The first protective device was a cloth on a bracket. This is still used to a great extent, but the ideal arrangement is to have the shower in a closet designed for it, opening into the room. This closet may be of glass, marble, or tile, with a cloth curtain or a door to match the material of which the section is built. The door should be as small as possible. Twenty inches is quite large enough. The smaller the opening, the less chance for the escape of water. Besides, a large door is a nuisance to clean.

When the compartment is used there can be, besides the ordinary head bath, a needle bath. This may consist of from eight to twelve nozzles pointing in from the four corners of the compartment, or it may be a series of apertures in metal pipes hung around the inside of the compartment. When the separate compartment for the shower is not desired, one may find a substitute for the sheet in the arrangement shown in the Felix Warburg bathroom picture in this article. The glass sheets are practical and not cumbersome. Nevertheless, they involve more cleaning, and in the average home this must be considered today.

Mixing the Water

There are various propositions on the market to mix the water in the shower so that it can not scald the bather. One manufacturer offers a little toe pipe, with which to test the temperature of the water before starting the bath. These things are more or less desirable and dependable but are not at all necessary.

It is best to have the valves at the entrance as you walk into the shower, so that your arm may not be under the flow when it begins. If the piping is well done and the valves work, the mixture of hot and cold water can be tempered sufficiently to be safe and comfortable. Here, as well as in every other department of purchasing, you are told a lot of things, and if inexperienced, you may be horribly taken in, and led to buy a lot of unnecessary things, which though good in themselves, are quite dispensable.

The shower bath compartment must, of course, be large enough to permit the bather to stand inside without having to be all the time under the shower. This is an important point. Glass doors are not necessary either for a tiled or for a marble compartment. A light weight curtain is good, with the smallest possible entrance. This obviates the cleaning of the door.

Tiled floors and floors of honed marble are better for shower receptors than are the porcelain ones. They fit into the building problem better, can be made in any size and are less slippery. Be very careful in selecting the plumber who puts in your shower, because unless the drain and curb are absolutely right

you will be exposed to the danger of flooding the room and the partitions of the house.

Lavatories and Tables

The styles of these are legion. Their sizes are so well standardized that unless one wants them made according to some bizarre pattern it is not necessary to give dimensions. The usual length is about 33". This is ample and graceful. The 54" takes more space than most bathrooms can give up to the lavatory, and makes quite unnecessary bulk. The 33" lavatory—and a smaller size—can be made of vitrified china, which is handsomer and less absorbent than the solid porcelain lavatory. The vitrified china is fired, and therefore it is difficult to make in large pieces.

Lavatories may be made for corner or straight walls. They may have two legs, or a center pedestal or four legs, or they may be simply hung on brackets. Two legs, however, is the usual style, although four makes a very luxurious looking table. The legs can be had in nickel, glass, brass or in the handsomest types of gold, with carved or some other kind of design.

There has been a reversion, too, to the lavatory. The new style is to make them of imported marble, cut in one piece. With these the gold leg is suitable, also the glass which looks well and is most satisfactory, being easy to clean. Soft American marble is absorbent and stains easily, so when you use marble, get the imported if possible. Another point should be noted in buying the lavatory,—have enough space on it so that it can hold a glass; otherwise extra cost will accrue from breakage and ruined nerves.

In addition to the lavatory, as we have said, is the bidet, and the dressing table. The latter is sometimes made of glass on gold, nickel or brass standards but it is oftener made of vitrified porcelain on four legs.

Faucets

The faucets on tubs, lavatories, bidets, shower, etc., require a great deal of care since they must be cleaned so often. Various materials have been used, such as cut glass, porcelain and nickel, porcelain-like enamel, brass, silver, gold, etc. For a very rich room, gold and glass, or the gold alone is beautiful. But for most rooms the porcelain and nickel faucets are the very best and demand the least care. All-white enamel is not durable and is hard to take care of properly.

It is very much better to have a faucet through which both hot and cold water can flow. The faucet should have an overhang of at least 1" from the side of the lavatory, so that it will be possible to get a glass under it, filling or your hand under for washing, thus obviating the necessity of filling the basin every time you want to rinse.

(Continued on page 76)



Mrs. Harry Payne Whitney's Studio Is Kelsey Health Heated

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Beauty and the Bathroom

(Continued from page 74)

your hands. There are fancy faucets which do not meet these requirements, but avoid them. Faucets which only flow when held are a curse and should only be used in public places where the water tax is high.

What you must look out for in the floor tile is that it be as little slippery as possible. Therefore do not get a glazed tile. More and more floors are being tiled in colors, to match the home scheme. Also, the dull tile obviates the squeak occasioned by the shoe touching it. This is a minor point, but one worthy of notice.

Walls can be tiled to any height desired. In the average room the tile is carried only 4'6" up except at the point where the shower is installed. There it should be carried up 7'.

The Closet

The syphon type is, of course, the best obtainable. Many closets are sold especially from catalog and by mail, as absolutely silent. Never, if you can help it, buy anything of this sort from a photograph. No closet can be absolutely silent. If there is any flow at all, complete silence would be impossible. A minimum of noise is the best that can be achieved, and the best makers have closets of this sort.

The bowls are generally of porcelain, and the best ones are of vitrified china (really porcelain), which is non-absorbent and quite the thing for this use because of the freedom from discoloration.

For general use, the less wood around the seat, the better.

The tank as a flushing medium is still about the best thing to use. There are on the market various flush valve types, some of which operate with a foot button on the floor or with a hand lever on the right side of the closet. These may be good in some locations, but neither the ordinary plumber nor the man in the house can repair them in an emergency. The piping in the

valve type of flusher requires careful arrangement to avoid trouble.

Sometimes it is rather convenient to have the closet in a doored recess opening into the room and available from the hall as well. This is especially the point when there are few bathrooms in the house.

Incidental Fittings

Chairs and stools are usually in wood, enamel or in fancy rooms are made to match the general style which prevails in the decoration.

The question of closets in the bathroom is entirely dependent upon individual taste. You can have the wall and mirror finished type, or the door regular closet, or a combination of these, with or without full length mirror. In some rooms a glass shelved linen closet is found to be a real convenience.

The soap racks, etc., have lately come recessed in walls. This system is not popular, however, because, although useful and economical for hotel or institutional use, it adds no charm to the fine bathroom. Rather, it detracts from its dignity.

A nice way to have scales in a bathroom is to have the dial encased in wall, and the tray on which one stands sunk into the floor. This arrangement economizes space and is very welcome to fastidious people.

Plan the bathroom of your home early. Talk with your architect. Insist upon the best and get it. Your bathroom need consist of very few things, in the last analysis, and the wisest plan is to get the best. The cost will be from \$250 upwards, for fixtures. However, it is wisest to buy the best you can afford so that a replacement cost is obviated. There must be no skimping of plumbing work, because that would be a menace to health and wealth, and the plumbing costs no more for good material than for bad.

Collecting Autographs

(Continued from page 27)

On the other hand the growing interest in real autograph collecting has led to devising many delightful and legitimate uses for autograph letters and documents. I know of no more attractive a wall-decoration for a library than framed original letters of famous writers. These are made doubly interesting by having portraits of the writers, preferably small engraved ones, placed within the same mount with the autograph letters. Rare letters so mounted should never be pasted down on the boards of the mount, but should be tipped with paste (never with glue) and placed under the mat opening. Wide frames are unsuitable for autographs, very narrow wood strips being used instead.

A few unusually interesting autographs may well be called a collection, although one would not care to frame an extensive group of autographs. A large collection of letters is best arranged with each piece in a separate folder on the outside of which is written a brief biographical sketch of the writer of the document contained therein, together with a clearly written transcription of the writing if it happens that the autograph is difficult to decipher readily.

Again, autographs may be inserted to add interest to such books as they may have definite connection with. In my own library I have, in addition to books autographed by their authors, other volumes which have become "association books" likewise by the insertion of auto-

graph letters and documents. Some collectors have taken a single work, a book of Napoleon, for instance, and by the addition of autograph material the prints have expanded one volume into twenty or more. As for myself, I have been content with the addition of a treasure or two, leaving to those who have but a single hobby, and that a narrow one, to pursue this of extended extra illustration known as "Grangerizing," from the method used by an 18th Century writer, the James Granger in illustrating his *Biographical History of England*. It has been admitted that Grangerizing is a fascinating hobby and one that is applicable to every product of literary endeavor.

The uninitiated who might be interested in autographs are often frightened away by imagining that interesting autographs are beyond reach and beyond purse. True it is that good autographs are becoming more scarce as collecting them increases, but collectors are constantly being dispersed by public or private sale; new "finds" are like constantly coming to light. Fortunately for the collector America has become an important market for autographs, several noted dealers in autographs giving impetus to the pursuit. Of course letters by great makers of history are not to be had for a song, except through those happy accidents which add zest to collecting of any sort. I once obtained

(Continued on page 78)



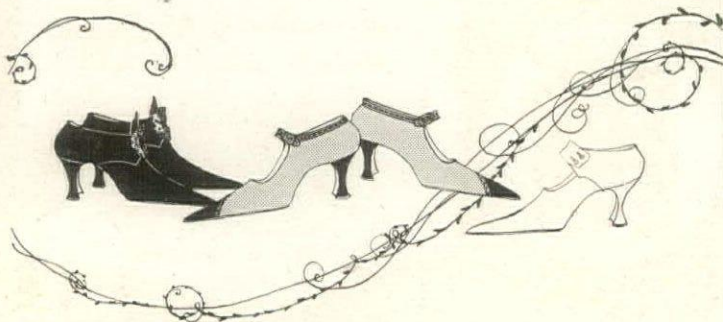
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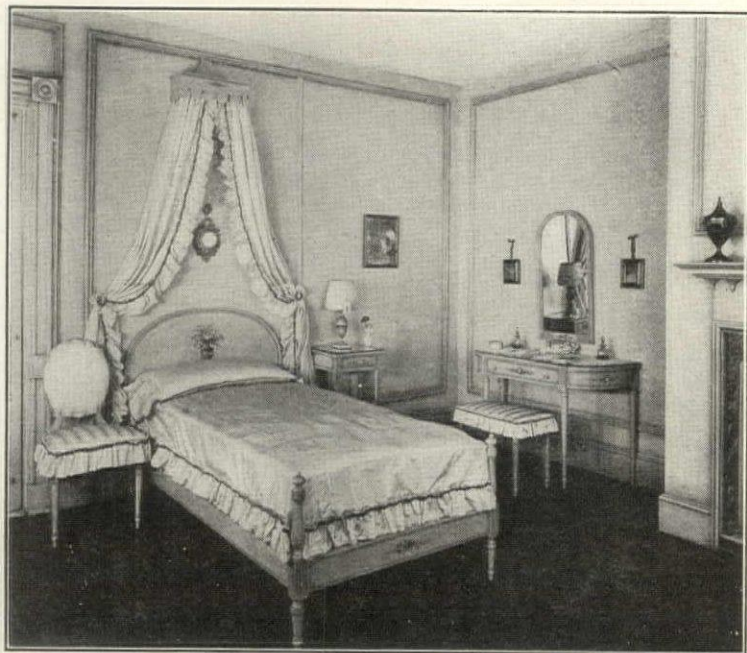
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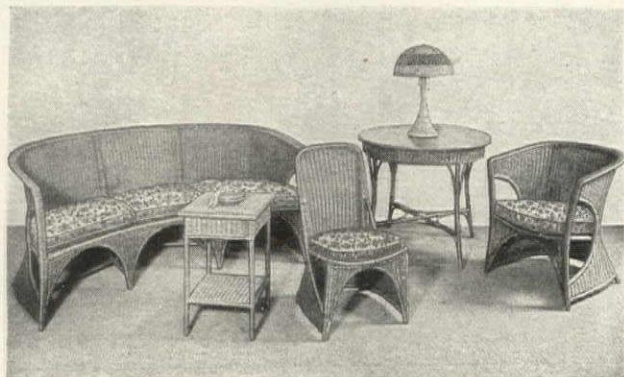
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Collecting Autographs

(Continued from page 76)

for fifty cents a letter written by Martha Washington on note-paper water-marked with a portrait of her illustrious spouse, a note that would probably fetch at least a hundred and fifty dollars had not disaster overtaken and destroyed it. A holograph letter by Button Gwinnett, a signer of the Declaration of Independence would, if such were extant, bring at least \$25,000, although the discovery of a hundred Gwinnett letters would send any such price tumbling. I know of only one autograph letter signed by Thomas Lunch, Jr., another signer, and this brought something like \$7,000, when sold some years ago. It is now in the collection of the New York Public Library. On the other hand I find in a catalogue just issued by a noted American dealer fine letters by other signers at moderate prices, one by Stephen Hopkins of Rhode Island at \$20, one by Samuel Huntington of Connecticut at \$10 and so on. This same catalogue offers one an autograph note by John Greenleaf Whittier for \$2, a page of William Cullen Bryant's translation of the *Odyssey* in his own handwriting for \$5, an extremely interesting letter on political matters and giving her ideas as to future life by the famous Sarah, Duchess of Marlborough for \$10, a letter by Ouida, the novelist for \$3, the autograph manuscript, signed, of Jules Verne's *Memories of Infancy and Youth*, a poem in manuscript by Walt Whitman at \$10, while a fine two-page letter by Emile Zola may be had for less than half of that.

Thus one need have no fear that autograph collecting or the collecting of a few fine autographs for the purpose of enhancing the interest of a room is beyond the purse or the possibility. Whether library, music-room, hall or living-room, autographs offer a suggestion for making one's house more interesting.

It is not everyone, I know, who shares with me a delight in catalogs, catalogs for the sake of many things, and—I do confess it!—catalogs for their own sake. It is an enlightening diver-

sion with which those who do not know its seductions might have little patience but I daresay that if such Philistines could be persuaded to dip into the such brochures hold forth, they would at least make exception in their anatomy to catalogs of autographs. It has not been for a catalog of autographs that arrived in the morning's post would never have known that I had contemplated going to America to start as a planter, that it was Brainerd's dislike for concerts that kept him from a trip to England, Petrograd and Paris, that Charles I had his stationer account for a "skynne of yellome being a lymnd very faier," that G. P. James troubled to send a friend a recipe for an infusion of roses, that Robert Louis Stevenson had no objection to his *Dr. Jekyll and Mr. Hyde* going "into any other form than the noble shillingsworth," and also that "fishers are thrifty," highly important matters as you will agree! Blame catalogs!

Yes, gentle reader, I can recommend autograph collecting highly; one need but begin; there is no ending! I let not enthusiasm carry discretion and the historic road traveled by the M. Michel Charles of France, a naturalist, who, incredible as it may seem, was induced by a man named Vrain-Lucas to purchase from him a collection of 27,000 "autographs" for 150 francs, nearly all of which were the ridiculous forgeries, including letters written in the French language attributed by the suave Vrain-Lucas to the authorship of Julius Caesar, Cleopatra, Vercingetorix, Judas Iscariot, Sappho, Tiberius Caesar and, of course, Mary Magdalene! But the world, unfortunately, is not as full of preoccupied scientists as it is of ingenious charlatans and the affair Vrain-Lucas did fortunately, fall as a death blow to autograph collecting.

Engaging a Landscape Architect

(Continued from page 40)

and its surroundings, he will fail in a large measure, even if the garden is ever so beautiful in itself.

That is one of the greatest charms of the landscape architect's work—the infinite variety of it, for no two gardens ought ever to be alike.

And what a host of kinds there are—terrace gardens for hillsides, shady gardens for woods and courtyards, formal gardens and naturalistic ones, walled gardens, rock gardens, rose gardens, shrub gardens, and even vine gardens, stately gardens with fountains and statues, with box bushes and bay trees, and intimate gardens with a seat beneath an apple tree, large gardens and gardens that are made up of a myriad of small subdivisions, gardens with long vistas, and tiny gardens that nestle so close to rooms that they become veritable parts of them.

On this first visit, too, it is really important for the landscape architect to determine—I might call it sense or feeling—your social position, the kind of entertaining you do and the scale upon which you live. Besides, he will want to know how much you will spend on the garden and how much you can afford for the upkeep of it. All these things will determine the nature of your garden.

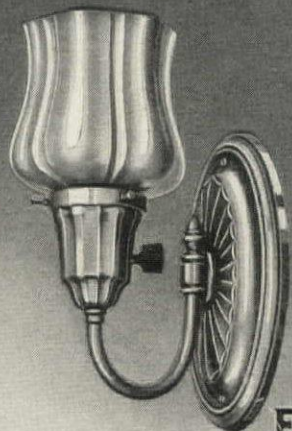
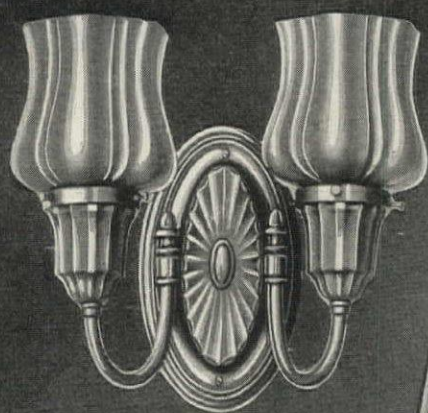
The maintenance of the garden is a very serious problem today, with the shortage and high cost of labor, but somehow I feel that just these difficul-

ties will be the impetus to new fresh garden developments. After these difficulties are not new ones—change from the old and passé bed out of plants to the use of the hedges border, for instance, was due, doubt, as much to an increase in wages as to the decadence into which the dining plant had fallen. So foresight, the cost of maintenance is very essential.

I have visited just recently some tremendously rich gardens with marble fountains, great walls and statues, great and box and cedar hedges—wonderfully effective. Such gardens are very expensive to build but comparatively simple to take care of. On the other hand charming little shrubby gardens be arranged with deciduous plants whose cost and care will be a negligible quantity. The flowers for a garden are the smallest expenditure, and herbaceous borders can be ever so simple for maintenance, but they do require not constant attention but intelligent loving care to keep them in beauty after year.

All these matters the landscape architect is storing up in his mind—likely while you are having a amiable conversation and are getting acquainted with one another. This thing acquainted is important in itself. You must like his—or her—person and trust his artistic judgment in the

(Continued on page 82)



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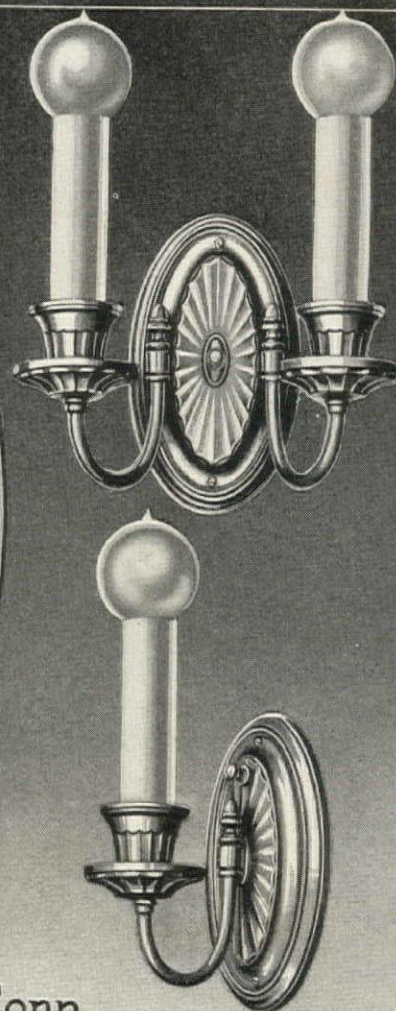
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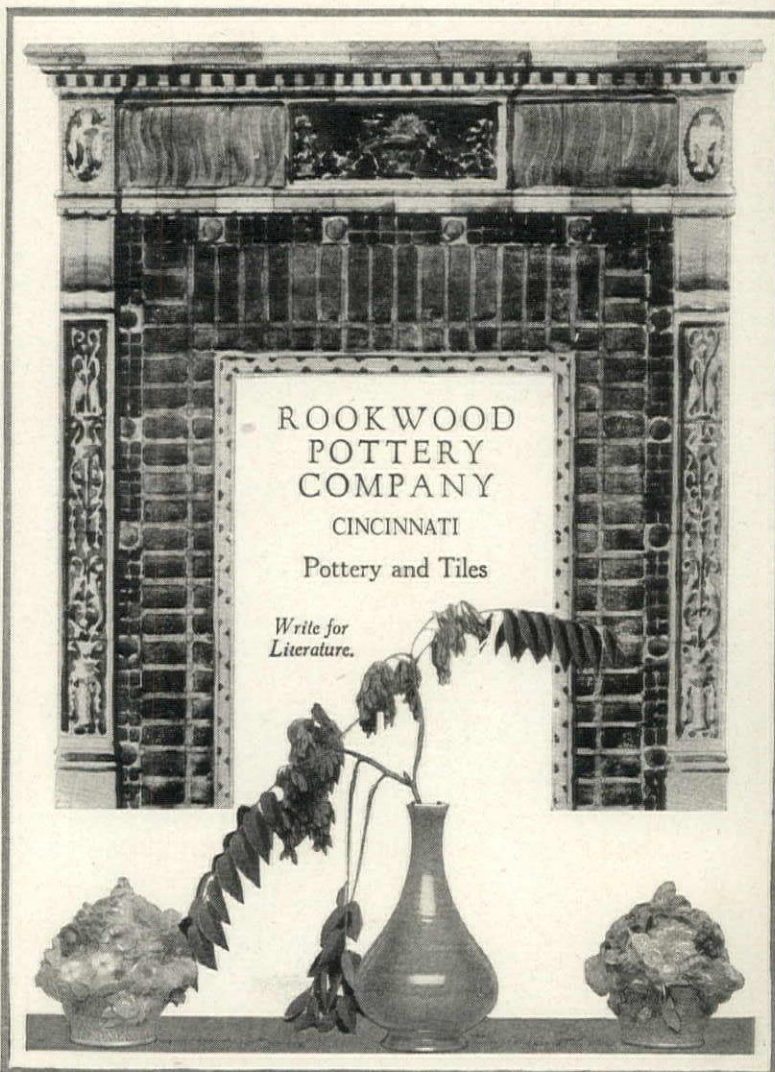


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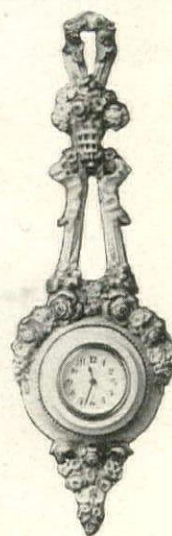
They may be purchased through the House & Garden Shopping Service, 19 W. 44th St., New York City. In ordering, kindly mention number

(27) A charming grouping is shown at the bottom of this page. The wrought iron and gilt candelabra are unusually graceful and one has a choice of orange, old gold or blue candles. The price, including candles, is \$18.50 a pair.

(28) The fruit bowl in the center with the delicate, open-work top is of deep, cream-colored pottery. An interesting and lovely effect could be obtained by filling the bowl with oranges and using orange-colored candles. The bowl is priced at \$17.50.

(29) In the same shop that has so many charming things, I found a painted wood box or hamper. It is a copy of an old Dutch box and is 15" x 22" and 22" high. It is gaily decorated with flowers and a landscape design on a buff ground. The price is \$35.

(30) The widespread interest in dogs has created a demand for good-looking dog collars. In a shop known for the excellence of its sporting outfits, I found some collars heavily studded with brass and a brass name plate. They come in tan, red and dark green leather and are 1½" wide and range in length from 12½" to 18". Price \$2.50. Leashes of the best quality English harness leather can be had from \$1.30 to \$2.75.



Boudoir clock 17" high. Ivory with colored flowers, gilt or polychrome. \$7.50

(31) For the fall house cleaning comes a wool brush that cannot in the most delicate wall paper. It is made of white wool and has a long and short handle. From \$1.60 up.

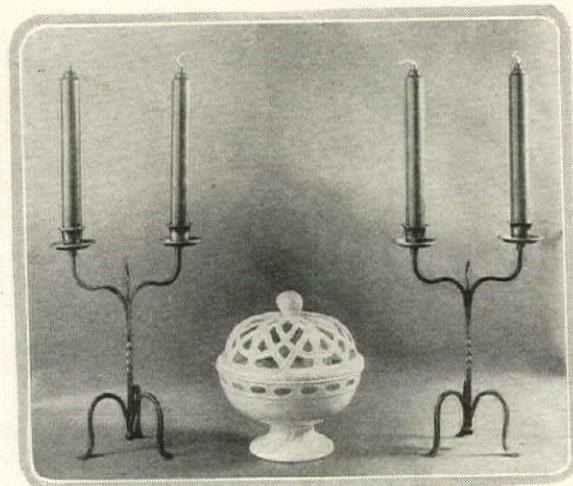
(32) The little portable table illustrated, is a lightful and useful accessory to any room. It folds up and can be taken away, if desired. It comes in black, green or red, and is named with gold, is \$18.

(33) The Wedgewood comport illustrated in cream colored and stoneware about 5½" high. Any of these would be charming on any table. \$2.50 a pair.

(34) An unusual Italian candelabra is of wrought iron combined with a kind pottery vase in old-rose color, on a wood stand. A pair of these would be excellent decoration for a mantel. \$75 each.

(35) One can never have too many bowls, especially in summer when flowers should be everywhere. Frosted bowls, 10" in diameter and 4" high that can be used for either fruit or flowers come in turquoise blue, orange or black. \$5.

(36) The tin bonbonnière illustrated is another expression of the vogue. (Continued on page 86)



This pair of wrought iron candelabra, 22" high, are \$18.50 including candles. The cream pottery fruit bowl is \$17.50

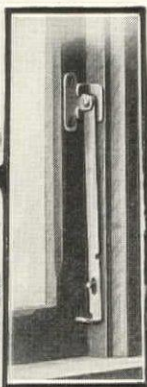
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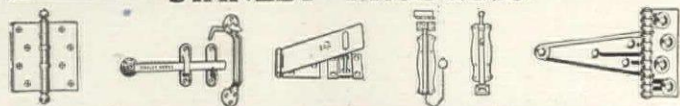
is recognized the country over, as genuinely practical, easy to apply and operate. Above all it is efficient, good to look at and extraordinarily durable.

The comforts of Winter belong to those who prepare beforehand. Now is none too soon to think of keeping the chill winds *out* and the warmth *in* your home when Jack Frost puts in his appearance.

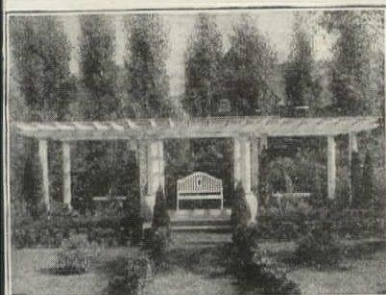
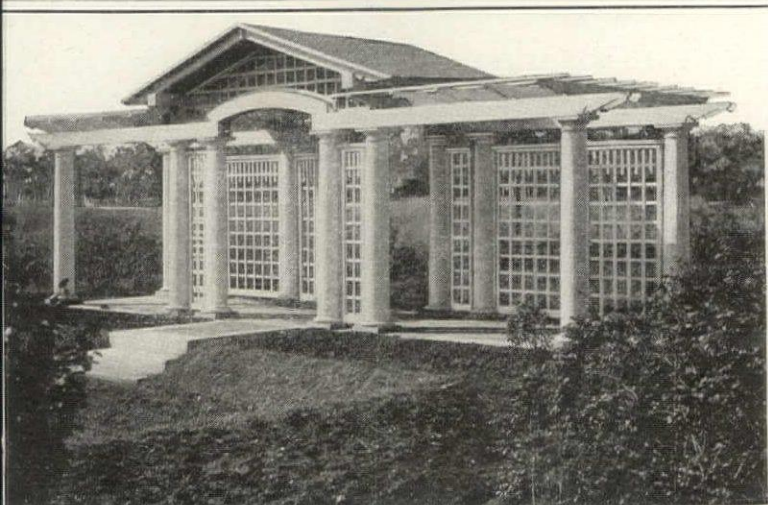
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"OVER there" Capt. X got a big idea from the "canteen" cigarettes—they were round and smoked freely—and smoke was what he wanted. He gave us his idea—a big idea! A round cigarette made from the Famous Pall Mall blend that does not have to be tapped, squeezed or loosened—with a free and easy draught.

PALL MALL
FAMOUS CIGARETTES
Rounds

YESTERDAY the idea of Capt. X.—

TODAY the idea of all who are particular—

FOREVER a big success

Read the story of Capt. X

20 PALL MALL
ROUNDS (plain
ends) in the new
foil package ... 50¢

"THEY ARE GOOD TASTE"

PALL MALL (regular), plain or cork
in boxes of 10, 50, 100 as usual.

The CHENEY

ALL MUSIC FINDS FULL AND TRUE EXPRESSION IN ITS MELLOW TONES

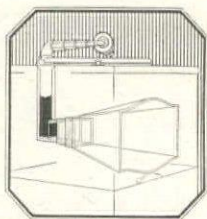


The HUMAN VOICE and The Cheney

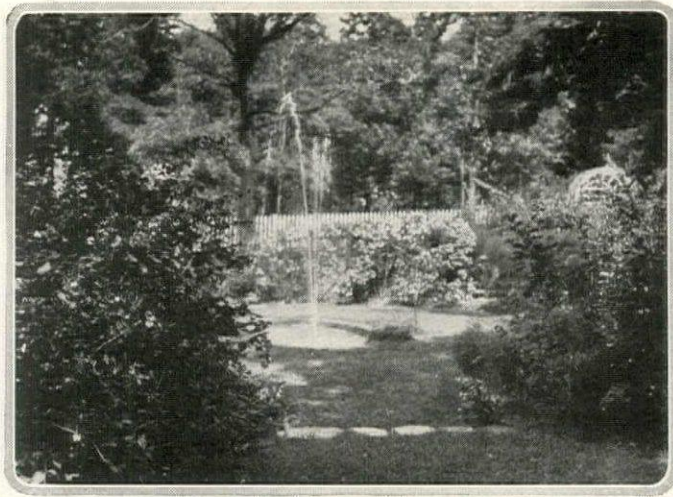
THE BEAUTY of the human voice as bestowed by nature, can hardly be surpassed. And its principles, adapted to THE CHENEY, give rare beauty to the playing of this instrument.

Just as sounds are gathered and controlled in the living human throat, so are sound vibrations gathered and controlled in the acoustic throat of THE CHENEY.

THE CHENEY TALKING MACHINE COMPANY • CHICAGO
DEALERS EVERYWHERE



The Cheney Acoustic Throat



Off one side of the main path is this little bird lawn and pool, set around with perennial plantings and fenced in with white pickets

Engaging a Landscape Architect

(Continued from page 78)

the same way as you must have confidence in your physician. On the other hand, the landscape architect will be interested in your ideas and in all your likes about flowers, for the landscape architect is most successful if he is able to interpret your individuality in your garden and make you love it as much as if you had planned it all yourself. Flower gardens are perhaps most personal, and they will reveal your feeling for flowers and their color as much as they will reveal the art of the landscape architect himself. Some landscape architects have a strong feeling for design—and often think little of the planting—some have a strong feeling for form, so that their borders become veritable sculptural friezes, while others, again, are particularly sensitive to color—be it subtle appreciation or a broader feeling—and they make gardens as wonderful as paintings.

After this first visit the landscape architect prepares sketches and plans. The method for paying for plans and for the supervision of the work under execution varies according to the type of the work and according to the wishes of the client. These charges may be divided, roughly, under three heads: First, the charge may be a fixed sum for stated professional services. By this method a separate charge may be made for each visit and plan, or for the total services, including plans. The second is a percentage charge on the total cost of the work executed. This percentage basis of charge is a common one—espe-

cially for large work and is similar to an architect's charge. I believe that the third—a per-diem charge for the time of the landscape architect and his assistants for visits and consultation or for supervision of the work being executed—is the more usual method among landscape architects. Plans and office work are then charged for at a similar rate, according to the time spent upon the work. It is well to note that you pay a landscape architect for his services and for his artistic ability and that he takes no commissions on materials nor makes any commercial profit on material or labor.

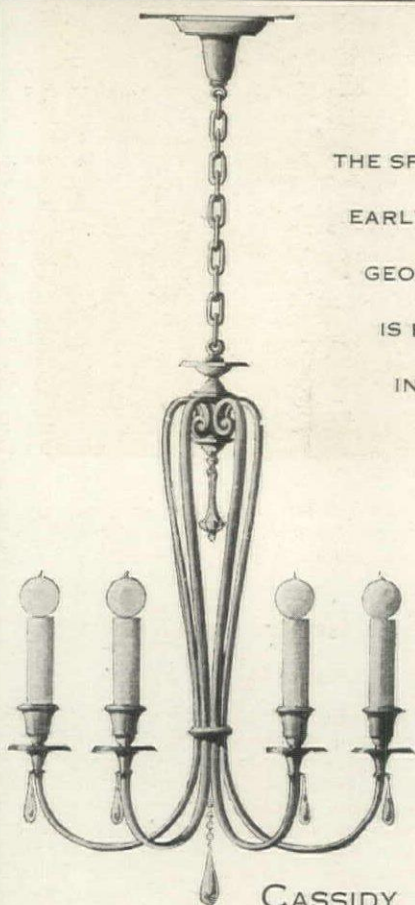
The reading of plans is generally a difficult thing for laymen. I do hope that aeroplane riding will become more general, for I am sure that then plans will have a new fascination and a real meaning for everyone, for plans are drawn as if seen from above. Many people do not realize just what a plan is—that it is, first of all, a record of an idea, often an assemblage of many complex ideas into an organized whole. Sometimes plans are the result of much study and time, and, again, they will be drawn overnight, as it were, in a flash of genius resulting, of course, from a fund of knowledge and experience acquired through years. A plan, then, is the work of the mind, and that is why this mere thing on paper is so valuable.

After a general plan has been prepared then come the working plans for contractors and gardeners—drainage plan-

(Continued on page 84)



Although the Alexandre house is quite close to the road, there was space enough for planting in front, a natural planting that gives the house a comfortable setting



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GEORGIAN PERIOD
IS RECALLED IN THIS
INTERESTING EXAMPLE

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Illustrations of this and other designs are shown on
Plate II which we shall be pleased to send upon request.

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authentic reproduction of an old Italian design.

Its beauty and comfort are typical of all
furniture built by The Elgin A. Simonds
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At all best furniture shops



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Manufacturers of Furniture
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THE hand carving
in this solid figured
walnut silver cabinet
of the early Italian
period is typical of the
workmanship of
Tobey-made furniture

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Wabash Avenue, Chicago
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96-98 Federal Street

Engaging a Landscape Architect

(Continued from page 82)

grading plans, and all plans for construction of seats, pools, steps, etc. The number of these plans and their complexity depend upon the complexity of the work. They may be ever so simple—in fact, sometimes there may be no plan at all, for the garden may be staked out right on the grounds and verbal instructions given to the gardener. And, unless there is much construction, the outside help of contractors is not always necessary where the gardener is able to carry out the work.

And then there is the planting plan. So many people do not seem to understand the value of a planting plan. I know of wealthy men who buy valuable paintings, but have objected to pay for planting plans because they did not realize that planting plans may hold within their complexity of names a whole series of wonderful pictures. A planting plan is a record of an artistic conception. In reality it is more than a record of one conception, for it portrays at one time the effects of an entire season. And it is more than that, for it is a guide to the landscape architect when he supervises the planting. The handling of plants on a plan, and then in the garden, is similar to the brush work of a painter. It is a matter of individual choice and temperament. That is why some landscape architects who are particularly interested in flower gardens have to supervise the planting personally so that their conceptions which are rendered in a plan may be rightly interpreted upon the ground. This is not always possible, however, and must be entrusted to assistants, who may do it well if they work in the spirit of eager discipleship. You have no idea how much a matter of individual feeling a planting plan is. I formerly interpreted plans for sev-

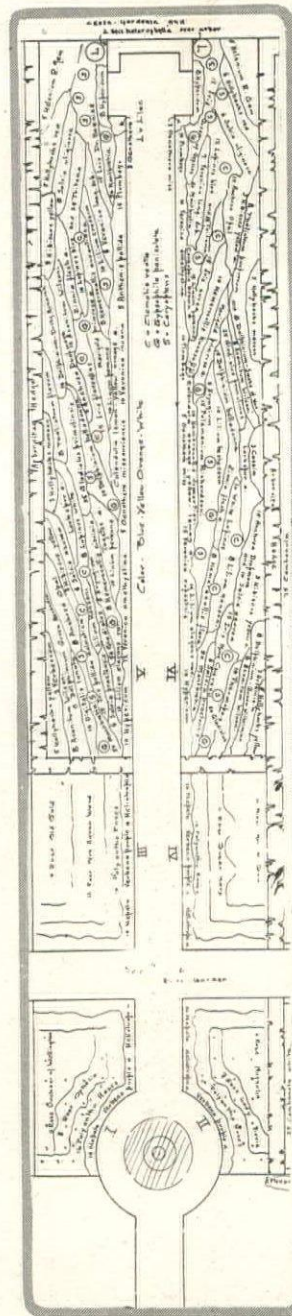
eral landscape architects, and yet I find that my own plans have but little similarity to any of theirs.

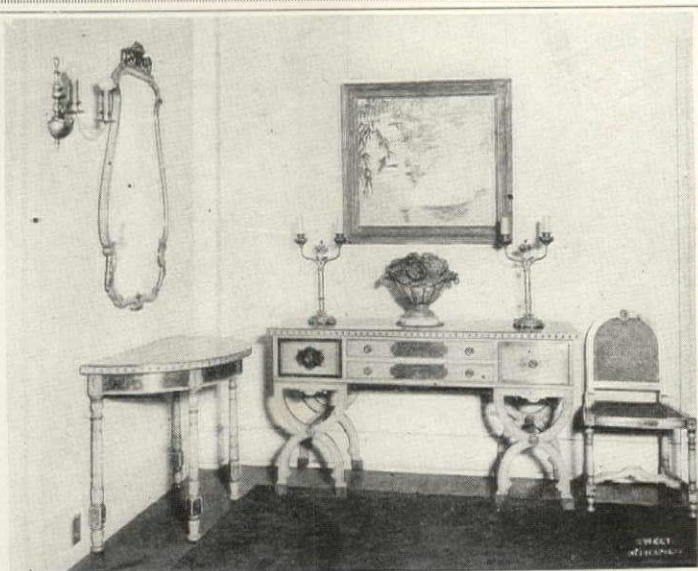
Planting lists and orders accompany each planting plan. Some landscape architects give out their whole planting lists to a nursery, who will fill all the orders. Other landscape architects do all this ordering themselves and make every substitution themselves. I like this second method best myself, sometimes involves a great deal of trouble, but I have always found it worth while in the end.

A garden is, perhaps, the most perishable product of art. It is subject to the caprices of nature and its inherent beauty may be lost in a season. For this reason it is advisable to retain the services of the landscape architect, whenever it is possible, so that the garden may retain its beauty. The flowers are not only growing and spreading and sometimes dying out, but the bulbs to be added and annuals to renew—and once you realize the infinite amount of detail there is to be taken care of you will appreciate the yearly supervision of the landscape architect. For this service the landscape architect will sometimes make a yearly retainer fee—and come often as he finds necessary—or, again, he may simply charge you for the number of visits that makes.

I like this maintenance work very much. It has given me an opportunity not only of making some very firm friends among my clients but has given me the joy of watching gardens develop beauty and pleasing giving capacity.

The planting plan is usually executed by one of the architect's assistants. This shows the main path in the garden.





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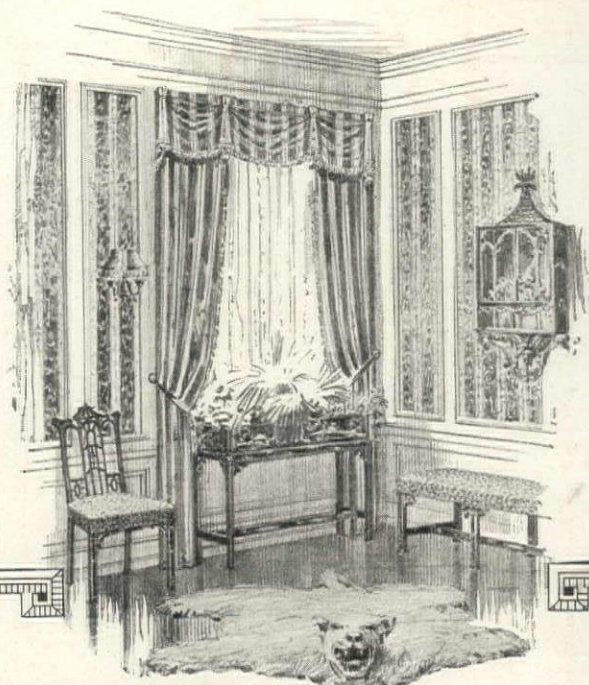
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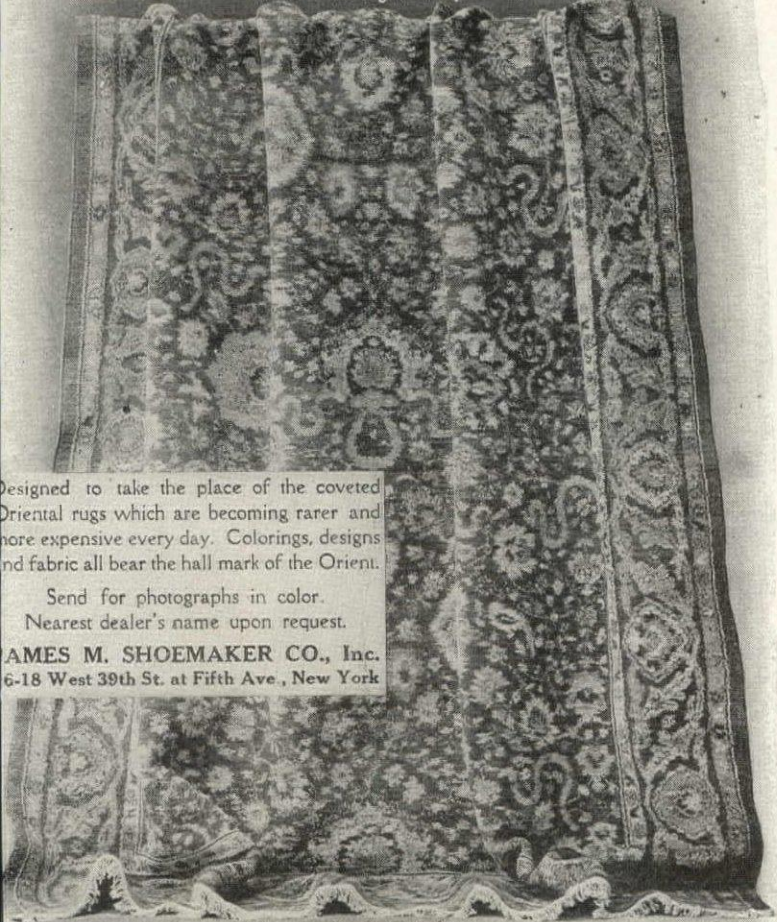
The basting thread in the selvage marks genuine KAPOCK

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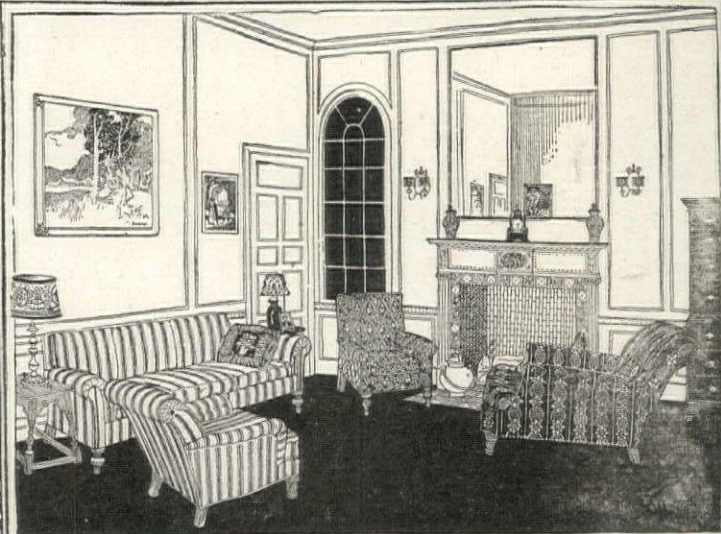
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Nearest dealer's name upon request.

JAMES M. SHOEMAKER CO., Inc.
6-18 West 39th St. at Fifth Ave., New York

Laristan study

Medium old blue predominates in the ground while gold, taupe, rose and mulberry in many shadings color the figures of this rug.



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Do you know how many times the springs should be tied?

Can you tell whether the cushions are filled with highest priced down, or just floss and feathers?

What assurance have you that the body is built up of hair and not moss, jute and excelsior?

We make the highest quality, most luxuriously built pieces that can be produced. Each price is based on the actual cost of the labor and materials involved. We are not paying top wages for poor labor, but reasonable wages for faithful, conscientious workmanship of skilled English upholsterers.

Call at our Sales Rooms now. Your own selection of fabrics will be applied.

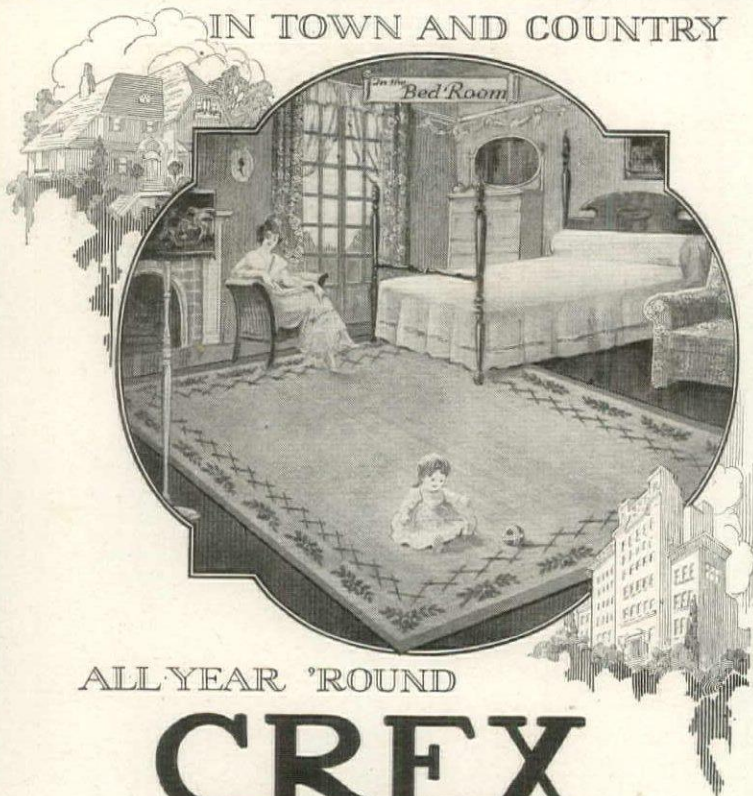
Send for "The Danersk" A-10

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GRASS RUGS
TRADE MARK REG. U.S. PAT. OFF.
MADE IN AMERICA

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It's your protection and our guarantee



A painted tin bonboniere which may be had in green, pink, blue or ivory. \$15

Seen in the Shops

(Continued from page 80)

tin flowers. It is effective and will harmonize with different color schemes as it comes in pale green, pink, blue or ivory with vari-colored flowers, all in tin. \$15.

(37) The French boudoir clock pictured, is ivory color with a blend of blue and pink flowers. It is 17" long and has a 30-hour movement. It may also be had in gilt or polychrome. \$7.50.

(38) There is always an odd spot in the house that needs a lamp. Sometimes it is a very small lamp that is required. The little lamp, shown on another page, is an unusual value. It is 13" high, of pottery, in orange, old-rose, blue or heliotrope with a decorated parchment shade to match. Complete on a black stand. \$10.

(39) A little tip-table that will be found most useful in the city apartment or country house is of mahogany with an inlay in the center. It measures 17" across and is 22" high. \$11.50.

(40) If you have not an electric ice-cream freezer, the next best thing is a vacuum freezer that is a refrigerating plant on a small scale. No labor is required to freeze

two quarts of cream, the chemical action of the salt, ice and vacuum doing the work. \$5.

(41) The bowl shown here is a good example of the effectiveness of Italian pottery. It is cream colored, decorated with a band of bright blue and pink roses and leaves. It is only \$5. The wrought iron stand is \$10.

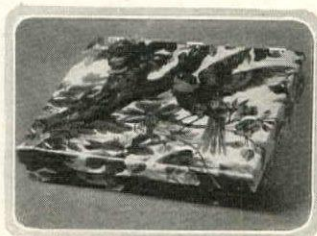
(42) In the same shop that housed the Italian bowl, I found some candle sticks, copies of old Italian ones. They are of composition, old blue and gold and extremely effective. They are \$12 a pair and are about 12" high.

(43) In electrical appliances, nothing is of greater comfort than an immersion water heater. By simply placing this rod in a glass of water and turning on the current, the water is heated almost immediately.

It is 7" long and is \$6.25. A larger crookneck shaped one, is \$8.50.

(44) Another electrical convenience is a small toaster stove that is large enough for a slice of bread and a pot of coffee to cook at the same time. It is \$7.

(45) Among the many attractive accessories (Cont. on page 90)



Handkerchief box covered in heavy, lacquered paper. \$2.75



This cream-colored Wedgewood comfort, 5½" high, is \$10



A decorated Italian pottery bowl is \$5. Iron stand \$10



A painted, folding table comes in black, green or red, ornamented with gold. \$18

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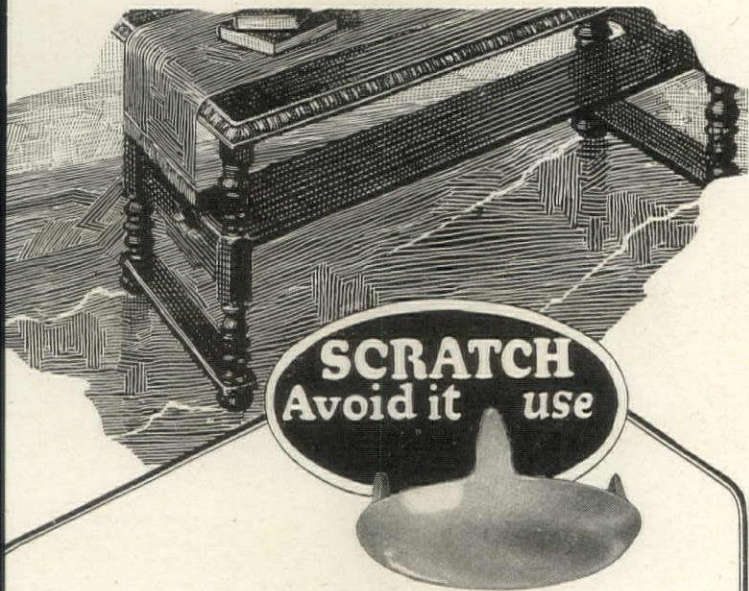


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FOR men—as well as for women—Old Hampshire Stationery is made in sizes and styles that are not merely correct, but from which may be chosen writing paper expressive of the most exacting individuality.

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WHEN equipped with Domes of Silence, furniture legs do not scratch floors or tear rugs. Even the heaviest pieces glide smoothly at a touch. No straining — tugging — scratching — screeching, or wrenching open of the joints.

When buying furniture give

your preference to pieces equipped with Domes of Silence. By using them, the manufacturer and dealer show their regard for quality throughout.

FOR the furniture already in your home, get Domes of Silence at any hardware or department store.

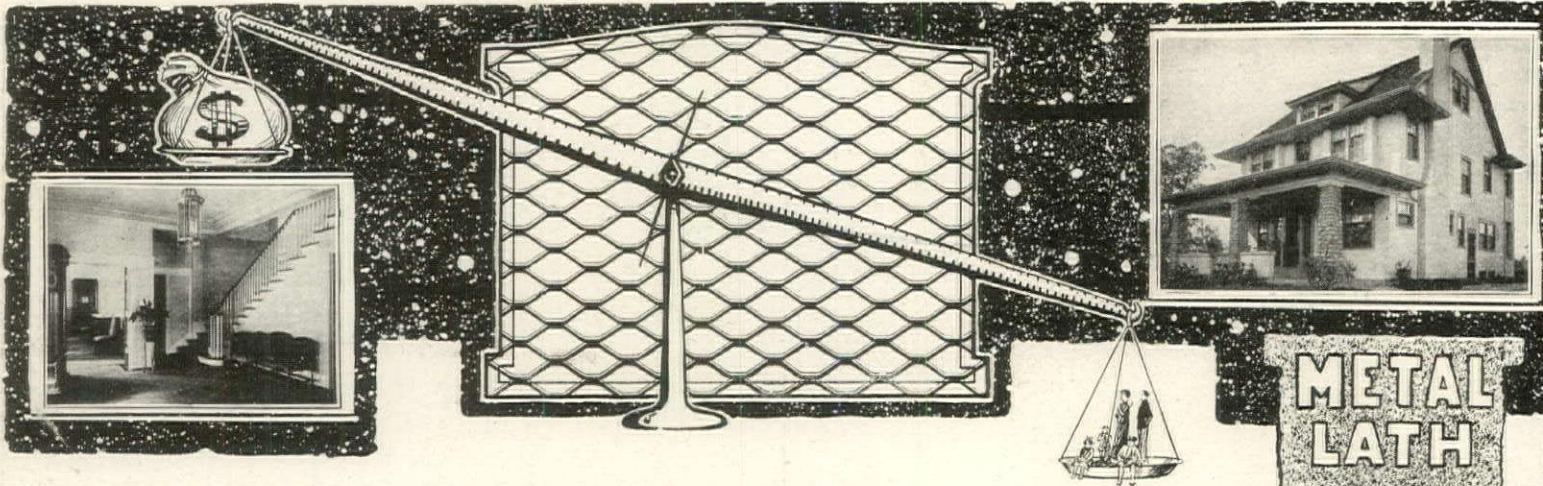
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SETH THOMAS

THE real value of a clock is in the service it gives. THE name SETH THOMAS assures service of the highest order.





How Much Is the Safety of Your Family Worth to You?

Consider this *before* you build.

Documents and other valuables are stored in fire-proof steel safes and vaults. Yet how many people unthinkingly house themselves and their families in *fire traps*.

Last year more than 70% of all fires occurred in residences and more than 23,000 lives were lost. One of the objectives of Fire Prevention Week—October 3rd to 9th and of Metal Lath Week, observed during the same period, is to urge people to *build safely*—to stop the awful life and property loss by using fire resisting building materials such as *Kno-Burn Metal Lath*.

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LATH
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OCT. 3-9**

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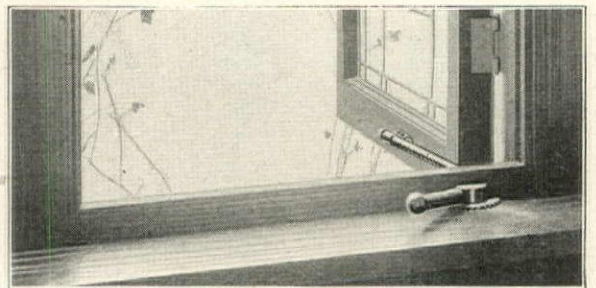
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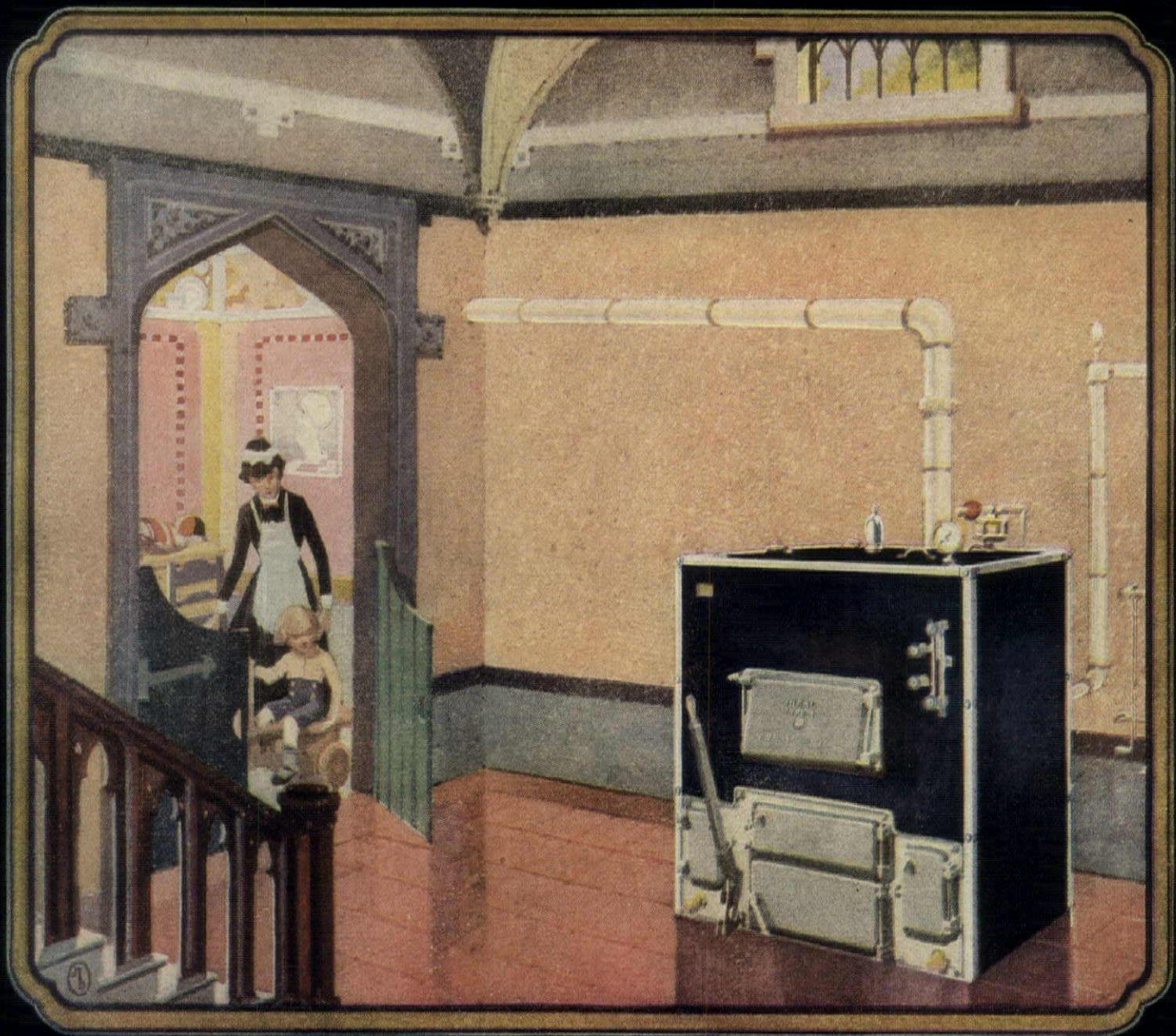
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Thus experience shows that
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Satisfactory Casements

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Its construction embodies the most practical and scientific features of automatic control and economical heat development. Its trim insulated jacket makes the Type "A" Boiler dust-free and gas-tight. The owner is assured of de luxe heating service.

Records of installations through severe winter use show savings of 30% in fuel, with decided relief in caretaking.

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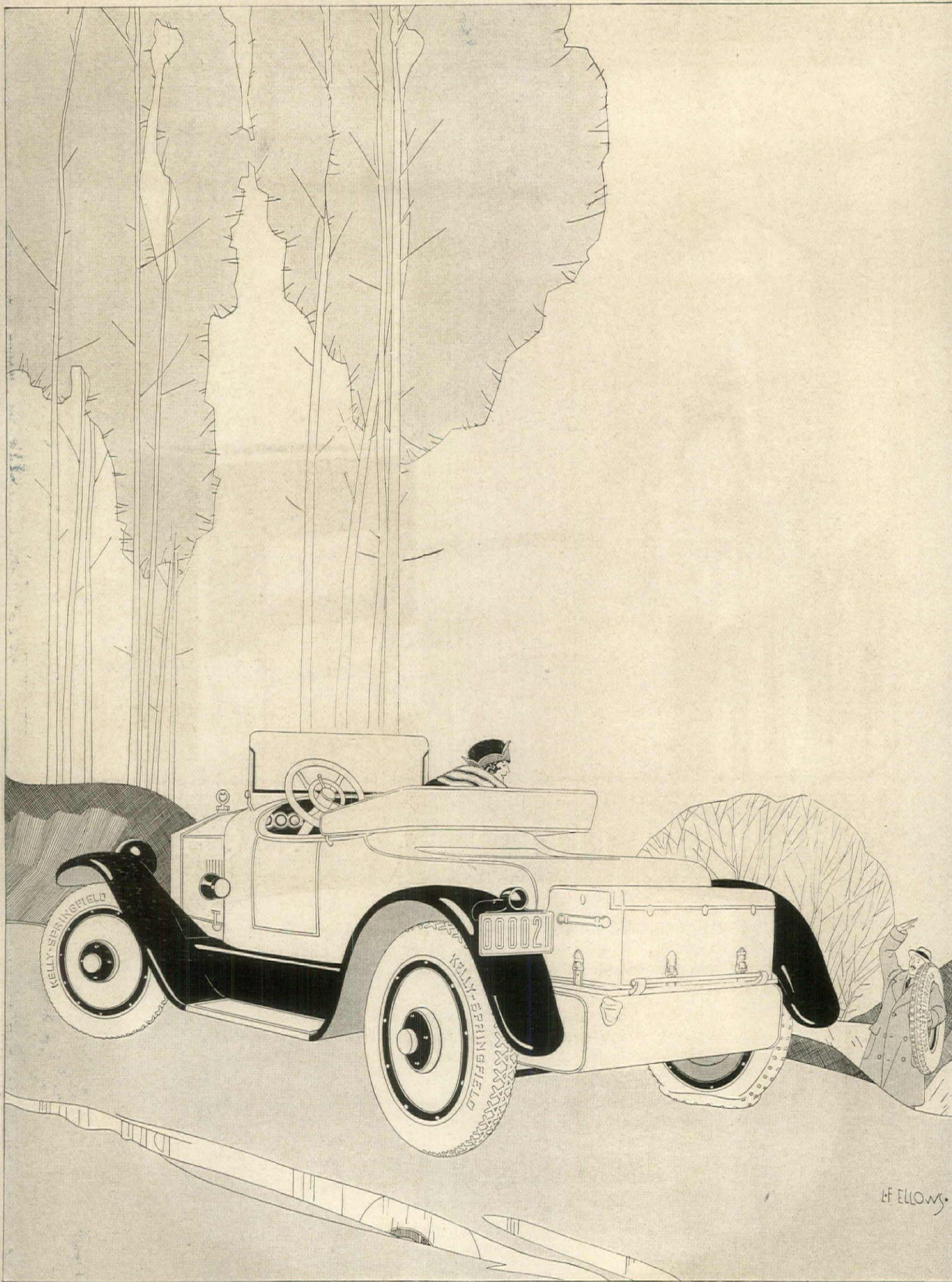
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Dean's

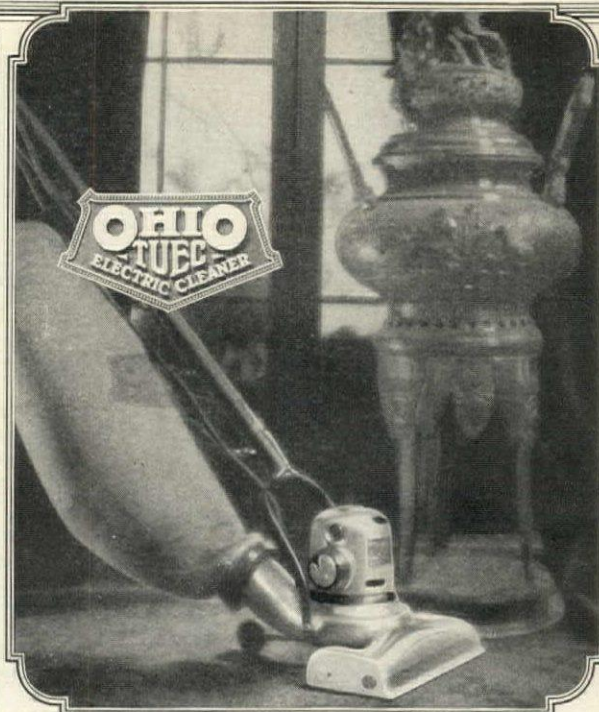
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CATERING, complete in every detail: trained butlers, ladies' maids, coatmen, carriage men, musicians. Canopy, floral decorations, chairs, etc. Estimates submitted.

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Thus far this year 50,000 women have simplified their daily cleaning tasks by placing in their homes an OHIO-TUEC.

You should not fail to examine, test and compare the OHIO-TUEC. Our nearest dealer will gladly send one to your home for free trial. Write to us for his name and a copy of our new catalog.

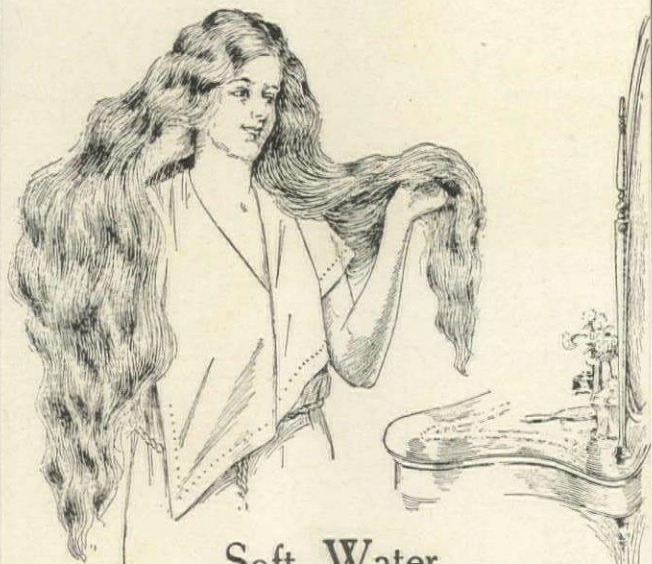
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Plant:

"Cleans Without
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Toronto,
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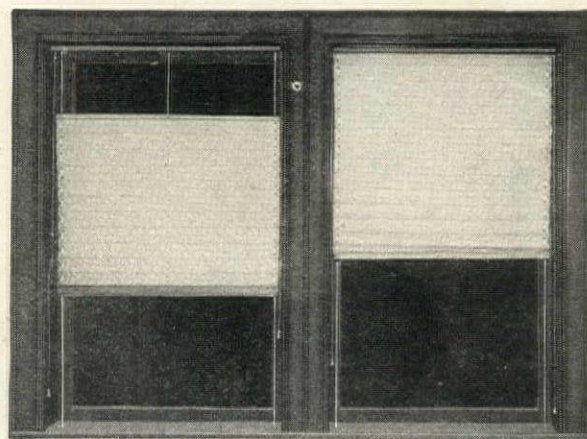


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You can glorify the outward beauty of your home, and at the same time add greatly to the daily comfort of living in it.

Athey Perennial Accordion-Pleated "go-up-or-down" Window Shades

give you perfect control of both light and ventilation; combining air-comfort and eye-comfort with privacy.

From the outside, they give the effect of expensive Venetian Blinds or puff shades, yet they cost less, measured by years of service, than the cheapest spring-roller shades.

Athey Perennial Shades are made of a superior quality of Imperial Herringbone weave coutil cloth; reinforced and double-stitched at the accordion-pleats. They are raised from the bottom, lowered from the top, or "bunched" in a small space any

place on the window, by the easy and convenient pull of cords at the sides.

They admit the breezes without flapping; do not interfere with opening and closing of windows; and allow you to "follow the Sun," so as to admit light and air, yet protect rugs, carpets and draperies from direct sunlight.

An "Athey-dressed" house bears the stamp of a fine gentility; has an air of distinction; and gives its "indwellers" a luxurious sense of comfort and satisfaction.

Send for a sample—FREE

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Also makers of the famous "Athey" Cloth-lined weather strips
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Architect, W. Marbury
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Try INOROUT Varnish. For any work, indoors or out, you will find it the finest varnish you have ever used.



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Paint and Varnish Makers

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These andirons of wrought iron are a copy of some old Welsh ones. They are 32" high. \$55

Seen in the Shops

(Continued from page 86)

cessories for the kitchen, comes a white enameled tin spice box. It is 11" x 8" x 4½" and is fitted with six separate tin boxes for cloves, ginger, cinnamon, allspice, nutmeg and mace. Also a grater. \$3.85.

(46) In this day of small apartments, refrigerators must conform in size to the average kitchenette to be of any real use. An excellent refrigerator only 20" wide, 40" deep and 37" high is \$28. It has two compartments, for ice and food, and is of white enameled wood.

(47) In another shop given up to beautiful and unusual things, I saw a set of six after-dinner coffee cups in the lovely silver lustre ware. The inside of the cup is a soft, pale green. The price for six is \$22.

(48) The andirons shown at the top of the page are a copy of some old Welsh ones. They are 32" high and are of wrought iron. \$55 the pair.

(49) The handkerchief box illustrated

on another page is of heavy cardboard covered in imported lacquered paper in different designs. The cover is hinged. \$2.75.

(50) A charming little sewing stand that is useful as well as decorative, \$16. It is of mahogany and has two compartments to hold the sewing as well as two drawers for spools, etc. It is 24" high.

(51) A utensil that will hold a prominent place in the efficient kitchen of today, is of heavy tin, 19" long, 12" wide and 10" high. It can be used as a fruit canner, corn boiler or ham boiler. It is fitted with a detachable rack to hold preserve jars. \$3.50.

Under the present market conditions we cannot guarantee that these prices will remain the same.

Articles such as glass, furniture, etc. require special crating for which an additional charge is necessarily made.

NOTES of the GARDEN CLUBS

THE Garden Club of Short Hills, N. J., Mrs. John A. Stewart, President, organized 1907, has thirty active members (women) and includes men in its associate membership list of fifteen. Meetings are held monthly in winter and weekly in summer, and the Club arranges a daffodil, rose, and dahlia show. The last named show has been held for twelve years and is a special feature of the Club. In 1917, admission was charged for the first time, the proceeds going to the Red Cross, and in 1918, to the Women's Land Army.

Mrs. Charles H. Stout, one of the Club members, has created a long list of dahlias, for which she has been awarded ten silver medals, twenty-four silver cups, and in 1919 she received from the American Dahlia Society the first prize for her collection of seedlings. The New York Horticultural Society awarded Mrs. Stout its silver medal for her collection of hybrids, and this year invited her to send specimens of all her dahlias to be grown for exhibition in the New York Botanical Gardens. Mrs. Stout sells her dahlias and also lectures about them with slides, all receipts being devoted to the War work of the Comte de Nanteuil, France. The dahlia "Sunshine" has taken "1st" wherever shown, and its sale realized about one

thousand dollars in two years of the War.

The Short Hills Club is affiliated with the American Rose and American Dahlia Societies. In memory of its late President, Mrs. Renwicke, it has founded a medal for achievement, the Emil D. Renwicke Medal, to be awarded annually by the Garden Club of America.

THE Larchmont, N. Y., Garden Club, Mrs. George Martin Van Slyck, President, organized in 1913, is composed of 150 women, who have six meetings with lectures, two field days and shows twice a year. All flowers at the show, unless marked otherwise, are sold or distributed to charitable institutions. Plants are exchanged in the Club. Several members have written for publication. During the War vegetable gardens and community gardens were maintained in vacant lots, which were ploughed, fertilized, and seeds and tools supplied, if required. Also expert in canning and dehydrating were employed and prizes given to encourage the workers. Another War activity was the cooperating with the garden club of Rye and New Rochelle to supply flowers to the East View Hospital. At present the Club provides an instructor for children's gardens.

(Continued on page 92)

CREO-DIPT®

Consider
Their Economy

Stained Shingles

Cost!—of labor. Scarcity!—of labor and material. These are seeming detriments in present-time building that "CREO-DIPT" Stained Shingles help eliminate.

Stained separately and uniformly in soft-toned shades of red, brown, green and gray, these remarkably beautiful shingles are bundled, ready to lay without additional brushcoating. Also economical because the exclusive creosote preserving process defies time and weather, saving re-painting and repairs.

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A Cleveland Home. "Creo-Dipt" Stained Shingles used on roof and side walls by Archt. Howell & Thomas, Cleveland.

WHAT A CONVENIENCE!"

It's what you'll say again and again if your architect specifies a Kernerator for your new home.

KERNERATOR

Built-in-the-Chimney

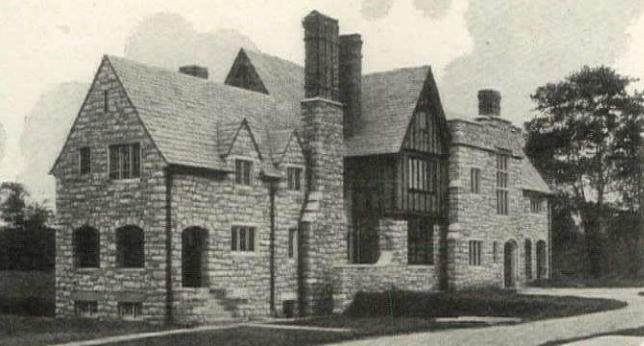
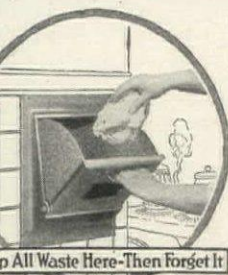
Disposes without odor or expense, all kitchen refuse, wrapping paper, faded flowers, paper boxes, rags by burning. Requires no fuel other than the dry waste that is thrown in a handy kitchen hopper. This, in burning, dries the wet waste, so it can burn.

The Kernerator disposes of bottles, cans and other non-combustible material. It abolishes garbage cans. Built of brick at the base of the chimney when the building is erected. Requires little extra masonry.

Sanitary—Economical—Convenient—Odorless

Ask your architect or write for illustrated booklet

KERNER INCINERATOR CO.
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Equipped with Kernerator
Residence of W. J. Brainard, Searsville, N. Y.
Architect: A. J. Bodker



You can now have a garage with less fuss and at a lower cost.

This Togan Garage comes to you ready to assemble and erect. The building complete, even to painting, is done for you at the factory.

Togan Garages are roomy, generously lighted; interiors are smoothly finished. Service doors carefully fitted, equipped complete with selected garage hardware. Windows are made in casement or sliding sash with side entry doors to match. Styles of windows optional, also location of side entry.

Built in a variety of designs, there's one that agrees architecturally with your home. In addition, a price comparison will convince you that the Togan way is the less expensive way.

"SOLD BY RETAIL LUMBER DEALERS"

TOGAN GARAGES

Manufactured by Togan-Stiles, 1607 Eastern Ave., Grand Rapids, Mich.

An interesting brochure concerning Togan Garages, with illustrations, will be sent for fifteen cents; also name of nearest dealer.



Your Winter Garden

You who love a garden are missing much by limiting to a few short summer months the pleasure that may be yours the year 'round.

You owe it to yourself to have a winter garden, in which you can cultivate your favorite flowers and fruits.

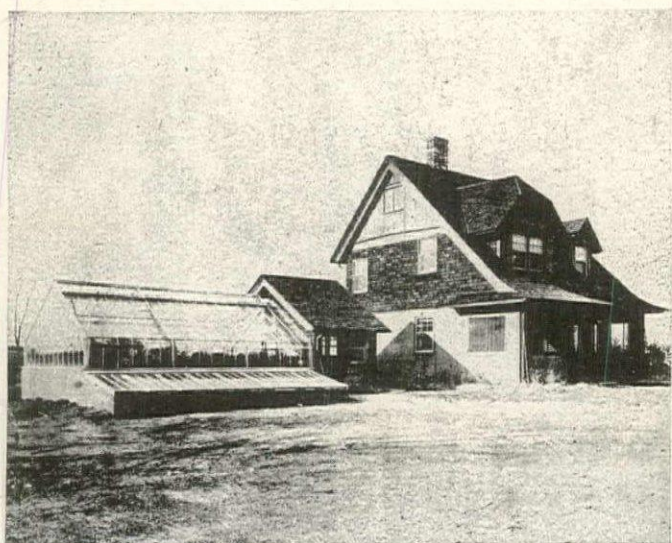
The V-Bar Greenhouse represents the experience of many years in building Greenhouses of Quality, and we shall be glad to send you advance sheets of our catalog showing some of those we have built.

We can have your V-Bar ready for this winter if you act promptly.

W. H. Lutton Company, Inc.



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You Love Flowers—

not only during a part of the year, but the year round. If anything, their brightness is more effective when all else in the plant kingdom, except the evergreen, is denuded and brown.

There is life, you know, in the odor of growing things, and there is joy in the sight.

Why not make your home life yet more complete by having a lean-to conservatory—a small garden under glass—attached to your residence? Or, if your grounds are ample, a detached indoor garden or conservatory advantageously located will prove a perennial source of pleasure.

Let us help you in your planning with our conservatory book. It is sent gratis and only needs your address.

May we have it now?

AMERICAN GREENHOUSE MFG. Co.



NEW YORK
5 Columbus Circle

KANSAS CITY
New York Life Bldg.

CHICAGO
Masonic Temple

SEATTLE
Smith Bldg.



Notes of the Garden Clubs

(Continued from page 90)

THE Dolly Madison Garden Club of Virginia, organized 1919, Mrs. Joseph G. Walker, President, draws together twenty-four women scattered through Albemarle, Orange, Madison and Culpepper Counties. The name of the Club was chosen because Dolly Madison's home, Montpelier, with its horseshoe-garden, copied from the House of Representatives, is now owned by one of the members of the Club, Mrs. W. Du Pont, and is a central point of the membership. Mrs. Walker's home, Woodberry Forest, was also originally part of the Madison Estate. The Club meets monthly, November to May, and original papers are contributed by the members, one of whom, Mrs. Henry Holladay, of Red Rock, Rapidan, has written for publication and also received a prize for designing a garden. Prizes for vegetables have been offered the Orange County Fair. It is planned to establish in the spring of 1921, a sale of seedling flowers and vegetables, and to advance gardening in the locality by introducing groups of new seeds for experiment, also encouraging competitions in the growing of vegetables and flowers.

THE Kansas City (Mo.) Amateur Flower Growers' Association, organized in 1916, includes 150 men and women. Mrs. Massie Holmes, the founder, is President. The Association arranges two flower shows a year, with the purpose of encouraging the cultivation of flowers in every home in the city. Mrs. Holmes published a small garden-primer several years ago.

In 1920, as a result of a series of questionnaires sent to members of the Association, she compiled and published for sale a flower garden guide. This contains special information based on local experience which is necessary, owing to the climate and conditions which made many planting tables and garden books inapplicable to Kansas City. The Guide's foreword says, "Never be satisfied until the flowers suited to your locality are growing in it." Cultural instructions are given and a list of plants which grow without watering, and of plants proven to thrive in this section of Missouri. It is found that perennials are better adapted than annuals to the irregularities of the climate.

The term "amateur" in relation to the Association is applied to anyone not making the selling of flowers his sole means of support, but who is allowed to sell garden surplus. Topeka, Kansas, has been inspired to organize an Association similar to that of Kansas City.

THE North Shore Garden Club (Mass.), organized 1915, Mrs. S. V. R. Crosby, President, has thirty-five members (men have just been voted eligible) and meets bi-monthly from June to September. Original papers by members are read at some of the meetings. Through the New England Branch of the Woman's National Farm and Garden Association, the North Shore Club has given a scholarship to the Horticultural School for Women at Ambler, Pennsylvania. This year the annual meeting of the Garden Club of America, the last week in June, was held under the auspices of the North Shore Club. The program of motor rides and entertainment was extensive and generously hospitable, including a visit to the Arnold Arboretum, the North Shore horticultural show at Manchester, drives to some of the finest gardens in Manchester, West Newbury and Eastern Point, Gloucester, Pride's Crossing, etc., as well as to the old houses and gardens of Danvers, Salem, Nahant, etc. The visiting representatives of garden clubs were entertained

at dinners, luncheons or teas by Mrs. Crosby, Mrs. Crane, Mrs. Mosher, Mrs. Lane.

THE Garden Club of Rochester, N. Y., organized 1912, is limited to seventy-five active and twenty-five associate members. Mrs. George E. is President. Meetings are held monthly, November through March. Monthly papers by members are read, and when there are paid lecturers, the public may attend by paying fifty cents admission, though any member bringing a guest, and the hostess as many persons as she wishes.

The Club exchanges plants with its members, and twice a year contribute flowers and plants for sale to the public, when tea is given. Funds are given to civic organizations and during the war Victory bonds were bought, back-yard gardens maintained and since October, 1912, two French children have been supported. In Rochester's beautiful Highland Park the Club has planted a "poets' garden" to which have been added benches, a sun-dial, and bird boxes, whole forming a popular resort for visitors. Last Christmas an annual bulletin was printed. The Club's librarian well supplied with helpful information.

THE Amateur Gardeners of Fort Worth, organized 1908, is for forty-seven women. Miss D. I. Doch is President. From September to June 15th meetings are held, for members prepare papers, and they had a garden-planning competition.

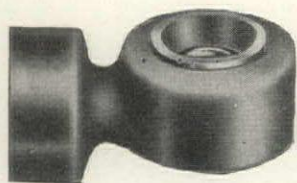
During the War a member loaned a city lot to the Club where vegetable seedlings, which were sold to school gardens, vacant lots, or to persons applying through the War Civic League. Also during the war, in response to an appeal from the military officer in charge of the Military Reservation at Fort McHenry, the Club opened the grounds most successfully. Mrs. Louis E. Shipman patronized her services to make them for the several acres. The drafting was paid by the Club. In addition to this, a flower guild was conducted at Fort McHenry, other in the vicinity uniting in contests of flowers and plants.

In May, 1920, the Women's League held a flower market, the foot of the Washington Monument. The Amateur Gardeners ran greatly increasing the receipts on this occasion. In June, 1920, a field was devoted to visiting, by motor, old Manors, the most distant of which was twenty-five miles from Baltimore. The Manors were Doughrean (Carroll of Carrollton); the Folly Farm, built originally for a daughter of this same Charles Carroll, and owned by Mr. Van Lear Black, and the third Manor owned by W. L. Loundes, Esq.

THE Garden Society of New Orleans, organized 1918, has about four hundred men and women. The President is Professor Reginald Cocks, of the Department of Botany of the Tulane University of Louisiana. Meetings are held monthly from October to May. Members are asked to bring to each meeting a specimen of some selected flower, which is criticised and judged, usually a special being present to answer questions. Talks are given by gardeners whose relation of their successes and failures furnishes a basis for their discussion.

A little hybridizing has been (Continued on page 94)

"The Gem" Lawn Sprinkler and Stand



A sturdy brass, non-corroding sprinkler that will last a lifetime.



Prepare now for Summer Lawns

To insure beautiful velvety lawns this season you should start sprinkling the very first warm day. The grass must catch an early start for a thick, even growth. The "Gem" is adjustable, sprinkles evenly over a wide area, is wear-proof, not expensive. Price including stand..... **\$1**

Your Radiators Give Trouble Especially in the Spring

When warm days are mixed with cold, causing irregular heating, your radiators annoy with banging and hissing. The SPECIAL LOCK SHIELD VALVE prevents this. Special adjustment lock. Condensation without leakage. Easily attached. Guaranteed and inexpensive. Immediate delivery

\$1 Six for \$5
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A Radiator Footrail!

A new thought in home comfort. The rail is attached to lower part of radiator. Assures foot comfort—draw up your chair for reading or sewing and see! Made in nickel or oxidized finish. Easily attached. Will be sent for only..... **\$5.00**

BEATON & CADWELL MFG. CO.

New Britain, Conn.

Manufacturers of all kinds of Plumbing Specialties



Your Outdoor "Living-Room"

YOUR lawn should certainly be an outdoor living-room—else why have a suburban or country home at all? Few of us, however, make enough use of our lawns—for work, and rest, and play—and for entertaining our friends. Perhaps there are not enough shady nooks. A few Shade Trees will provide them—and then home will have a new comfort and health and happiness for both the grown-ups and the kiddies,—more play outdoors for the youngsters, more time spent in the open air for Father when he comes home to rest and read, and for Mother all day while she does her homework.

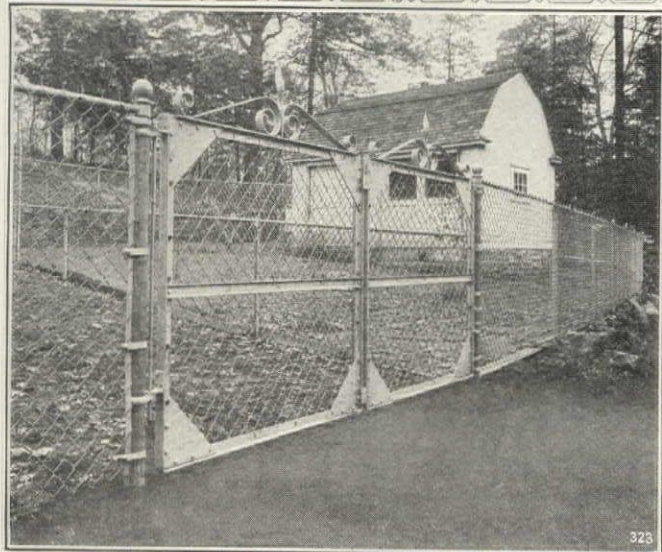
And how much nicer it is to hold a tea or a party outdoors, in the cooling shade! At night, too, "affairs" are ever so much prettier in the moonlight shadows and under the glow of Japanese lanterns strung between the trees. Nor should we forget that shade trees, more than anything else we can plant, add to the property value and the landscape charm of the home. Write today for price list and suggestions.

Moons' Nurseries

THE WM. H. MOON CO.

MORRISVILLE PENNSYLVANIA

which is 1 mile from Trenton, N.J.



FOR the COUNTRY HOME

THE country home fence must combine utility with unobtrusive neatness and low cost. And where do you find these qualities better balanced than in Afcco Chain Link Fence.

Even if you do not contemplate any fence construction for the remainder of this year, make your plans with the proper background to work on.

"Plans matured today
Will save Spring delay"

Our service department is completely at your disposal

AMERICAN FENCE CONSTRUCTION CO.
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Afcco Fences



How About Your Lawn

—do you have trouble keeping
the grass cut and sod rolled?

The Ideal Power Lawn Mower has simplified the grass cutting problem for hundreds of large estates, public parks, colleges, golf clubs, etc.

Wherever the Ideal is used, labor troubles vanish and smooth, velvety lawns are maintained at a minimum expense.

Actual use on many of the finest, largest and best kept lawns in the country has shown that the Ideal will cut from four to five acres of grass per day; doing the work of five or six hard-working men with hand mowers.

Moreover, the Ideal is a power mower

and roller in one—the sod is continually kept smooth and firm because it is rolled every time the grass is cut.

There is still time to get your Ideal and make a big saving on the care of your lawn this Fall, and at the same time have your machine ready for the early Spring rolling and mowing.

Furnished with riding trailer at nominal extra cost; also with special set of blades for use on putting greens.

You can secure the Ideal through your dealer or direct from factory. For Catalogue and complete details, address

IDEAL POWER LAWN MOWER COMPANY

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IDEAL POWER LAWN MOWER



Notes of the Garden Clubs

(Continued from page 92)

published by some of the members. The Society publishes occasional leaflets on planting, the best varieties for New Orleans, of shade-loving plants and vines, roses, evergreens, sweet peas, chrysanthemums, sweet-scented plants, ferns for outdoor use, foliage plants, winter-blooming plants, annuals, garden pests, and arrangement of small gardens. In May, 1920, there was a garden contest.

ELLEN P. CUNNINGHAM.

In order to make complete this record of the work of America's garden clubs, we would greatly appreciate if any club which has not already received a note from Mrs. Cunningham would communicate with her, sending the names of the officers and other of interest. Mrs. J. W. Cunningham may be addressed in care of the Editorial Department, House & Garden, 19 West Forty-fourth St., New York.

EDITOR.

NEW PAINT FOR OLD FRIENDS

THEY were both old. But where one was brilliant, interesting and different, the other was commonplace, drab and ugly. An Egyptian mummy case and a neglected house in the Connecticut hills. The link? Paint.

Paint had transformed a plain wooden box, over five thousand years old into a thing of exceptional beauty. Most of the charm and interest was due to the successful use of pigment. What might not be accomplished by this same means, in the forlorn old house hidden away amid sweeping hills? Inspiration had come with admiration for the art of ancient Egypt. Paint could solve our problem and make a house we had thought hopeless not only possible, but charming and interesting as well. So we went to work.

Fortunately the architecture was good, of the rambling farmhouse type that is picturesque in spite of itself. The shingled walls were painted white and the roof, doors, shutters and trim a dark, strong green. New red brick steps with prim iron railings were added and a brick wall flanked on either side by borders of bright-hued phlox.

The small porch was made the most of. For at least three months of the year it became an outdoor living room. Climbing honeysuckle vines grew along one end and light, adjustable porch shades, stained dark green were added. The furniture consisted of old wicker pieces, enameled bright yellow. Vivid cretonne that had orange, green, black and a tiny bit of Chinese red in it made the cushions. Some odd tables were painted a shiny black and the green flower boxes around the railing were filled with orange-hued nasturtiums and daisies. Sand colored grass rugs were on the green porch floor and hanging yellow baskets were filled with English ivy. It was a spot to rest in.

The inside seemed utterly hopeless. Brown was everywhere—brown walls, woodwork and heavy, mid-Victorian furniture, in a summer cottage where everything should have been light and graceful. We could not afford to discard, so there was only one thing to do—paint!

The little entrance hall was dark so the walls were painted orange, the woodwork and stairs deep ivory. Two little chairs were enameled black and the seats covered in green and orange striped linen. Pale orange silk curtains brought a glow of warmth into what had been a cheerless, drab interior. A long mirror painted black, with jade green and gold decorations completed the grouping.

In the living room which was flooded with sunlight, we decided on gray walls and woodwork and a deep taupe floor. All the heavy, brown oak furniture was enameled light gray also and two small chairs and a table were done in a soft yellow. For hangings, cretonne was used—a lovely pattern in which gray blue was the predominant color, combined with yellow, mauve, a little green and gray. A plain rug in a deeper shade of blue was on the floor. The lamps were brass urns with stiff, yellow

low parchment shades that had a blue and fine line of blue for decoration. The room needed some contrasting color. Two Chinese red jars were placed on the mantel, flanked by brass candlesticks. From a brown monstrosity the room had become informal, graceful and restful, the cool, blue-gray color adding much to one's comfort during the hot, mid-summer months.

The dining room had some lovely mahogany furniture that demanded an attractive setting. We decided on pale yellow walls, deep ivory woodwork and a dark brown floor. The chair originally covered in brown velvet, done in a striped green and buff. Flowered chintz that had lots of soft green in it made the hanging as the view of the garden was especially lovely from this room, no glass curtains were used. A two-toned tan rug completed a simple, restful color scheme.

In one bedroom the furniture was wicker, enameled light tan. Here the walls and woodwork were painted soft greenish blue and the floor was brown. Sand colored pongee made the hangings, and the cushions and spreads were of glazed chintz in blue, berry, greenish blue and yellow.

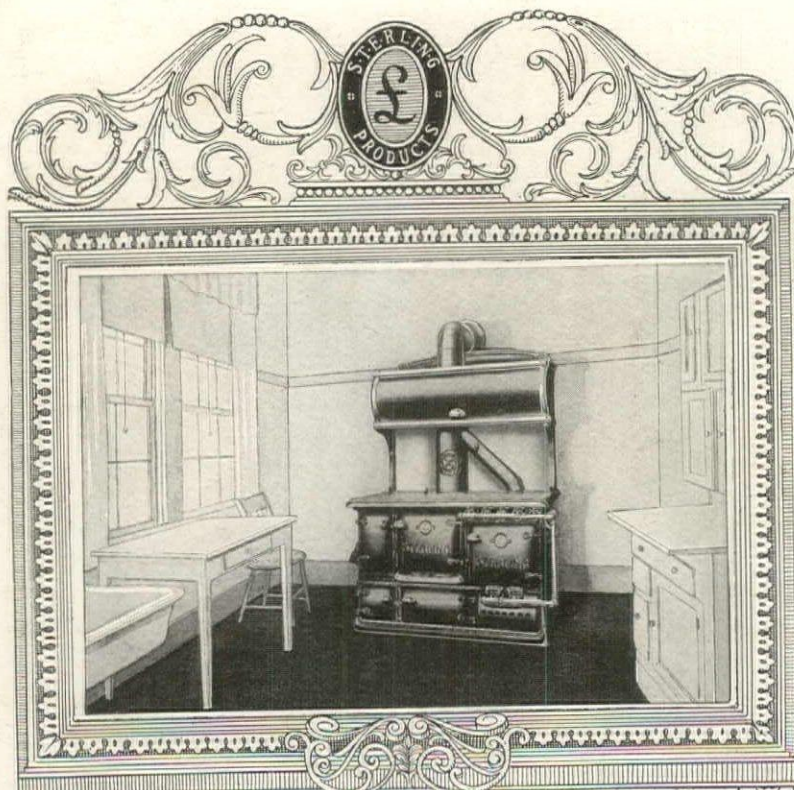
Another bedroom had heavy oak furniture that was thoroughly imposing. This was painted a silvery green decorated with nosegays of old-fashioned flowers. Immediately the atmosphere of the room changed. The furniture could never be graceful in its shape forever prohibited that it assumed a certain grace and freshness which was the next best thing. Cream painted walls, mauve, terra blue and yellow chintz and a mauve rug on a black floor made a room that was effective and easy to live in.

There was a little store room on the upper floor that became a den. The walls were painted gray, and the work and floor the same color, a darker shade. The hangings were of red silk and some old chairs and a bench were painted the same red. A jade green tea set was on a small, lacquer table and two brass bowls filled with yellow daisies.

In a general decorating scheme the kitchen is so apt to be neglected that it can be one of the most uninteresting rooms from a decorator's standpoint. This kitchen was transformed from a dull, drab room into one that had color and character and immediately became a focal point. The walls were painted color and the woodwork black. A white linoleum was on the floor and at the windows hung blue and white check gingham curtains. The cooking utensils were bright blue. The stove also was blue and the table and chairs, white enamel. It was a room easy to cook in.

An Egyptian mummy case was responsible for it all. Without it the room might not have been born. Old had become new, miraculously transformed by hard work and many hours of paint. The old house had

MARGARET McE



CUT your fuel bills and food bills and do away with half the work and all the annoyance of cooking and you will go far to solve the problem every household is facing today.

"Double" Sterling

The 40 feature, 2 oven, 2 fuel range

actually accomplishes these results. 70 years' experience has enabled us to secure such perfect combustion in the Sterling fire box, grate and flue system, that you have absolute control of your heat at all times. This banishes cooking annoyances, prevents wasting food in cooking and saves fuel. (The regular Sterling Range bakes a barrel of flour with a single hod of coal.)

The 49 inch wide, 4 hole coal range and 4 hole gas range, all on one level has 2 separate ovens. It enables you to cook easily and conveniently no matter how few or how many you have to serve. We leave it to you if this will not eliminate half the work of cooking.

We will send on request a complete descriptive catalog on the "Double Sterling" explaining and illustrating the 40 Sterling features which make it the range for your kitchen.

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If you do not have gas connection write for catalog of the Sterling Range. The Range that bakes a barrel of flour with a single hod of coal.

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WINDOW SHADE PULLS



Swing, little birds, on your swaying cord In sunshine or falling rain.

Bring, little birds, good luck to this house, Swinging against the pane.

What a dainty touch to the interior decorative scheme are these little birds at your windows! How they set off curtains and the shades! How far superior to the ordinary unsightly pull!

Designs to choose from: the ever popular love bird, and the snow summer bird.

Sent prepaid on receipt of price.

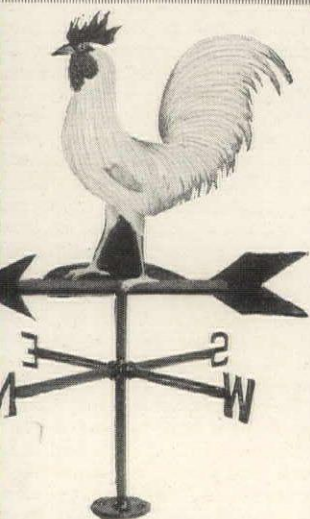
Set of Three Attractively Boxed \$2.00

ICE SET

Clean, easy method of preventing cracked ice for luncheons, teas and late dinners. Dainty and practical. Is of finely woven canvas with the word "ICE" hand-embroidered in blue. The little mallet to hang it up is also covered hand-embroidered. Mallet of substantial construction, carefully finished in walnut. Sent in neat box, on the inside of which are clever verses. Sent prepaid on receipt of price.



Sent prepaid on \$2.50



WHITE COCK WEATHERVANE

Weathervane imparts a touch of rare individuality to private estate, kennel or country. This is an especially attractive subject. Dainty white cock with his red wattles proud eye seeming to bid defiance to all winds. Made of Auto Steel, weighted to face perfectly. Paint raised to look like brass, and so varnished as to make it weatherproof. Cock is life size and in natural colors. Arrow, stand, etc., in green. Sent fully packed on receipt of price. \$17.50

For de luxe catalog showing other weather vane designs.

Butterfly Weathervane Attaches to Porch Railing

Strong clamp attaches firmly to window or porch railing. The butterfly is durably constructed of heavy metal and is painted in harmonious colors. An alluring touch to porch or house it graces. Sent care-packed and durably boxed. Receipt of price. \$3.50

Dealers write for discounts and attractive proposition

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Charles St. Baltimore, Md.



SARGENT LOCKS AND HARDWARE

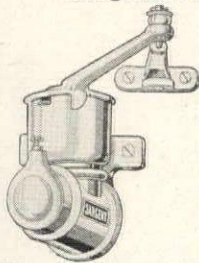
Security plus charm for your own front door

THE stout resistance of Sargent Hardware to forceful entry makes your home what it should be—a safe place for your family to live in.

In addition Sargent possesses a charm in which there is elegance not overdone—a charm that is unobtrusive and refined.

Sargent Hardware never clashes with its surroundings if properly chosen. There is a design for every style of architecture. The Sargent Book of Designs illustrates these many designs. Send for a copy and choose, with your architect, the one which meets your architectural requirements.

Sargent Screen Door Closers

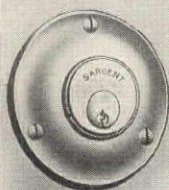


Screen doors, if they are to be of use, must be kept closed. Sargent Screen Door Closers not only keep screen doors closed, but do so quickly and quietly. No slam banging to get on your nerves. No rebounding to weaken locks and hinges. They work on the same principle and are of the same high quality and workmanship as Sargent Liquid Door Closers.

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Hardware Manufacturers

31 Water Street, New Haven, Conn.



Carved Italian Walnut

25 In. Top
20 In. High
Price \$100.00

Braus, Inc.
Established 1888

358 Fifth Ave. at 34th St.
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Interior Decorating



Lamp Stand—Antique, gilt and color. 30 in. High; Electric. Price \$12.75.

Hand Decorated Glacé Linen Shade. 24 in. Price \$37.10. Tax included.

Paintings, Mezzotints, Mirrors, Lamps, Shades,
Period Furniture, Hangings, Framing



FOOD is always appetizing—always seems to taste better when prepared in clean, bright, silver-like "Wear-Ever" aluminum cooking utensils.



WEAR-EVER
ALUMINUM
TRADE MARK

"Wear-Ever" Aluminum Cooking Utensils



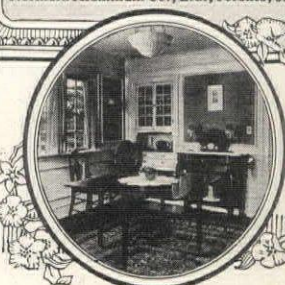
"Wear-Ever" utensils give to the kitchen a modern atmosphere in keeping with the beautiful furnishings of the other rooms of the home.

"Wear-Ever" utensils are made from hard, thick sheet aluminum without joints or seams in which particles of food can lodge. Cannot rust—cannot chip—are pure and safe.

Replace utensils that wear out with utensils that "Wear-Ever"

The Aluminum Cooking Utensil Co.
New Kensington, Pa.

In Canada "Wear-Ever" utensils are made by Northern Aluminum Co., Ltd., Toronto, Ont.



Lillian Lawrence Lamps

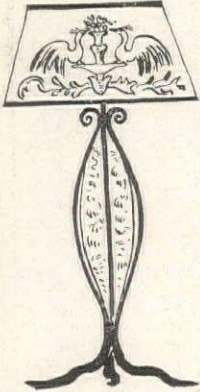


Table lamp of hand-carved wood encased in wrought iron frame. Various color schemes. Complete with hand-decorated green and blue parchment shade. 30" high. Price \$68.00

Lamp Shades, Painted Furniture, Screens—Trays, Scrap Baskets, Desk Sets

Hand-decorated black enamel scrap basket of hand wrought tin. Decoration of bird in Indian red among blue and green rushes. Various color schemes. Also used for flowers. 14" high. Elongated oval. Price \$22.50



Sketches furnished on request

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Interior Decorator

50 West 56th Street N. Y. C.
Phone Circle 5281



Leavens Furniture

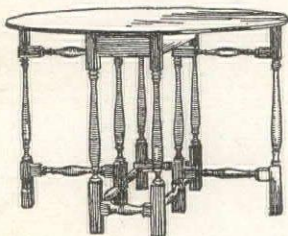
The careful, discriminating purchaser plans a home that will become more beautiful as the years go by—which both in exterior and interior appearance will take on additional charm as it grows older.

He selects
Leavens
Colonial
Furniture

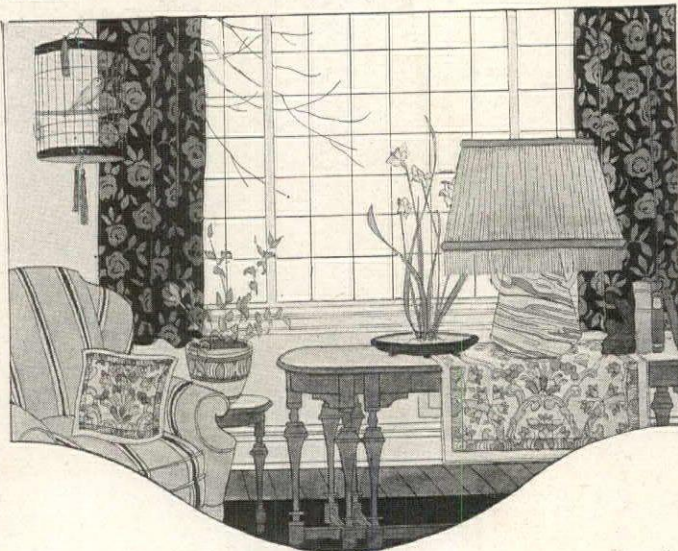
for interiors knowing that like the house itself this wonderful furniture will grow old gracefully—remaining always in vogue and satisfying even the most fastidious taste.

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Write for set No. 4 of illustrations and Leavens stains.



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New York



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Information Service

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They make it their business to have on hand the last information about everything for the household—from a dollar-a-quarter's worth of jam-kettle to an iceless refrigerator built with the plans at a cost of a couple of thousand dollars.

No matter what you want to know—ask us. We are never busy to help you with prices, addresses, or plans.



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H.&G.

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Self-Watering and Sub-Irrigating
For WINDOWS, PARLORS, LEDGES, SUN PARLORS, Etc.

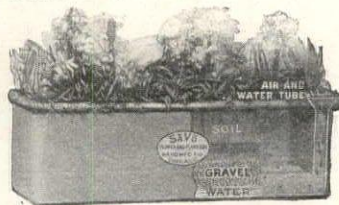
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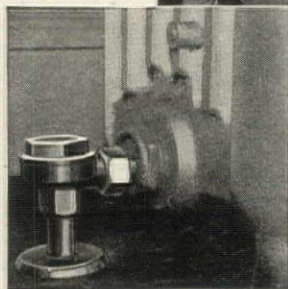
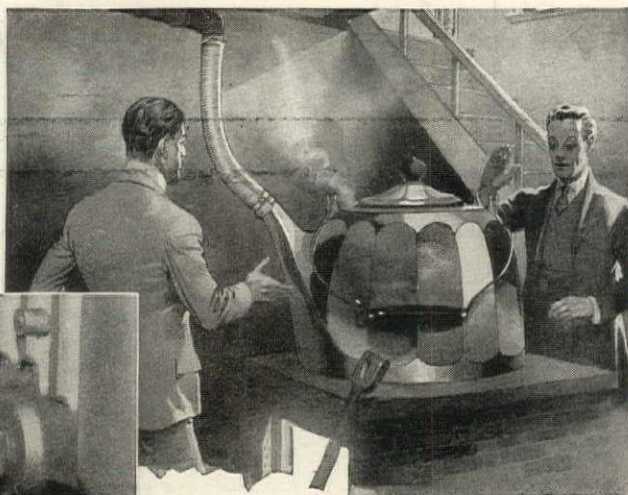
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1. **Honesty:** Age proves merit; new rugs are acid-washed, ironed. Old rugs were better made, finer material, no aniline dye.
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Rugs are their own salesmen, warning my paying express. Customers are experts who do not elsewhere anymore.

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Get out of your head the wrong idea that a fierce fire and five or six pounds steam pressure is necessary for heating comfort. A teakettle large enough would heat your house, apartment, office, store or factory, if the piping and radiators were correctly installed, and if each radiator were equipped with a Dunham Radiator Trap.

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How to Attain, Relish—and Survive—Society!

A Book of Satirical Drawings by Fish

Precepts by Dorothy Parker
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ARE you in high society? Do you know your snafus—and sneers? If you are—you'll be delighted with this merciless exposure of the weaknesses of your dearest friends! If you aren't—with this book in one hand (your cheque book in the other) you can swim right into the smartest society, from your present social background—however submerged. You can, with a stop over, wing your way from a Christian Endeavor sociable in Wigwag, Wyoming, to a dinner on gold plates in any Fifth Avenue palace. You might even dispense with your cheque-book—but never with this infallible social mentor and guide, "High Society," by Fish.

HIGH SOCIETY

WHEN these remarkable drawings by a new hand began to appear in Vanity Fair, people stared at them, amazed, amused, admiring. Then they stared at each other, demanding, "Who under the sun is Fish?"

MEANTIME a tall slender young girl of twenty-two was drawing these self-same pictures and troubling very little about the sweeping searchlight of Fame. That girl was destined to become one of the most distinguished black-and-white illustrators.

ON her miraculous drawing board, Miss Fish has created a complete human society, quite as original and amusing as the society of George du Maurier or Charles Dana Gibson.

IN this book, the reader meets Fish's social creations—the double-decked dowagers, vampires, horsey horsemen, diabolical little debutantes, tango addicts and bridge maniacs—in short, every type that haunts the portals of our grandest marble and gold society.

THERE is beauty in Miss Fish's extraordinary gallery, as well as caricature. The patterns on the flappers' frocks are like lace and hangings by Beardsley. A Pomeranian on a rug becomes a patch of elegant scrollwork like something in a Japanese print. Even her profiteering millionaires become designs made up of deft and satisfying curves.

THESE drawings, as Vanity Fair readers and art critics know, are the work, not only of a clever intelligence, but of a true artist.

"High Society" is the smartest book of the season. Besides its 156 drawings and their entertaining captions, it is attractively bound and beautifully printed. "High Society" is published by G. P. Putnam's Sons and will soon be on sale at all better class bookstores. Or you may fill out the coupon below and mail it with your cheque to us for one of the first copies off the press. Price \$5.30, postpaid.

Vanity Fair . . . 19 West Forty-fourth Street . . . New York City . . . New York

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Awarded a gold medal by the American Peony Society at the annual exhibition in Cleveland, 1918; in New York City, 1916; Chicago, 1914.

Peonies, the aristocrats of the hardy garden, are so democratic in their habits that they thrive and bloom in the humblest garden as well as under the care of an expert. Few, if any, flowers give so great a return for so little care. Well established Peonies form a permanent feature of the garden, a collection of rare sorts becoming a tangible asset which increases in value and beauty from year to year.

In order that everyone may have a collection of extra choice Peonies, I have selected twelve superb varieties which should be in the garden of every reader of House and Garden.

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Collection E, complete, \$30.00

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Seventh Edition, issue of 1920. This new book is ready for mailing. It contains descriptions of over 500 varieties of Peonies; several hundred varieties of Irises, including my own Wyomissing Hybrids; a large assortment of Poppies, Phloxes, and other perennials; Lemnol's Lilacs; shrubs and evergreens. To my regular customers a copy will be sent without further notice; but to all others copies will be sent only on request.

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©1475—Sheffield Platter 17 inches long \$15.00; 19 inches long \$22.50

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And its pedigree is as long as its price is moderate.

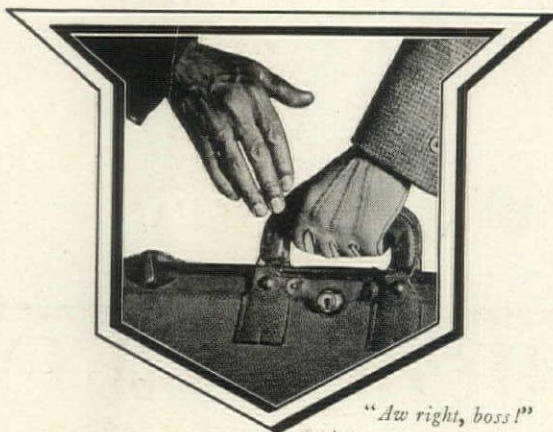
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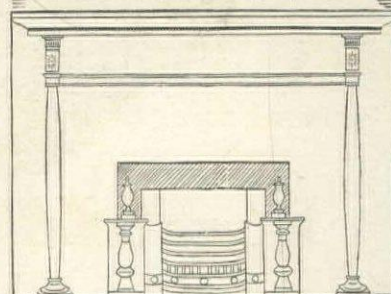
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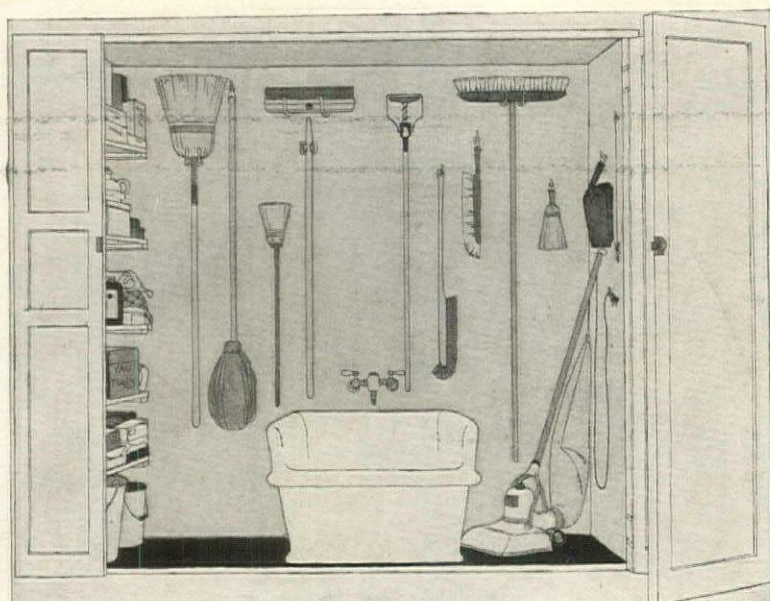
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NEW YORK CITY

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..Fruit Trees ..Fertilizers
..Ornamental ..Bulbs
Trees

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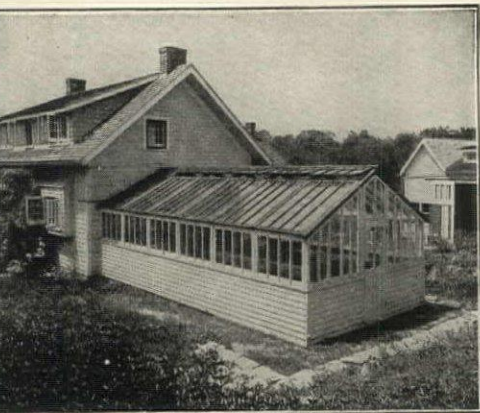
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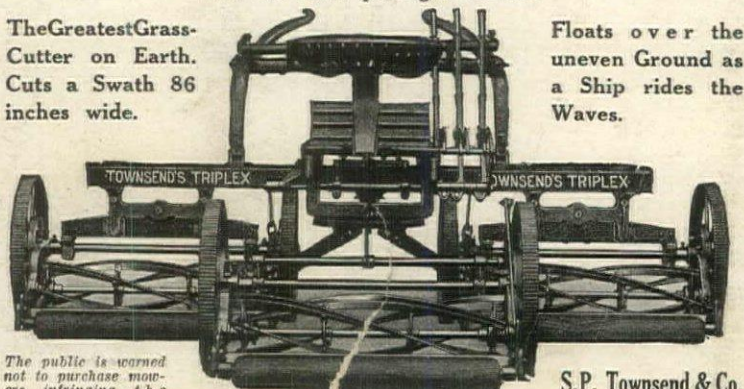
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